



APPLICATION

CATALOGUE
ver 2.0



Company (a-joint-stockcompany) has been established in 2014 with the aid of developing and operation of ABS/Rubber plant by Jam Petrochemical Complex are the first and only manufacturer in Iran. 100% of the shares of this company are owned by Jam Petrochemical Company.

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COMPLEX

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A P P L I C A T I O N
C A T A L O G U E

ver 2.0

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PADJAM Polymer Development Company (PJPC)

PadJam Polymer Development Company (a joint-stock company) has been established in 2014 with the aid of developing and operation of ABS/Rubber plant by Jam Petrochemical Company. The project is located in the Pars Energy Special Economic Zone in Assaluyeh, on an area of 15 hectares, with a production capacity of 200,000 metric tons of ABS per year and 60,000 metric tons of rubber per year, licensed by one of the most advanced technologies in the world Versalis -Eni SpA, is under construction and has so far grown by more than 70% progress. The basic engineering of the project is done by Tecnimont Company. The PJPC is able to produce 9 different grades of ABS and 3 different rubber products in 7 different grades with the highest quality (for the first time and exclusively in Iran). About half of the produced rubber in the Rubber Plant is used as a feed in ABS Plant in order to adjust physical and mechanical properties of ABS, and the remaining rubber could be supplied to market. The feeds of this complex, including Styrene, account for 152,000 tons per year through the pipeline from Pars Petrochemical Complex, 1, 3 butadiene, account for 54,000 thousand tons per year through pipeline from Jam Petrochemical Complex and Acrylonitrile account for 47,000 thousand tons per year which is imported

RUBBER UNIT:

The rubber production plant of PadJam Petrochemical Complex is the first and only manufacturer of three products SBS, SB and LCBR in 7 popular grades based on market demand. The license of the plant is based on the state-of-the-art technical know-how of one of the European best reputed companies, Versalis-Eni S.p.A (Polimeri-Europa). The basic design engineering has been performed by Tecnimont, Italy. The factory is designed and manufactured in accordance with the Batch process to produce a wide range of grades



ABS UNIT:

The ABS production plant of PadJam Petrochemical Complex is the first and only manufacturer of ABS products with Continuous Mass technology in 9 popular grades based on market demand. The license of the plant is based on the state-of-the-art technical know-how of one of the European best reputed companies, Versalis-Eni S.p.A (Polimeri-Europa). The basic design engineering has been performed by Tecnimont, Italy

D232 / M3

ABS D232/M3

Density g/cm³

1.04

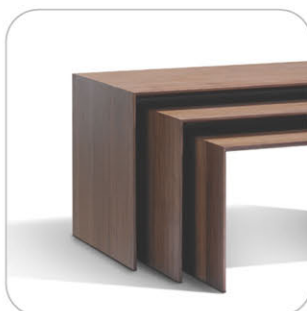
MFR g/10min

8

Main Application

- Automotive internals (caravans, buses, trucks)
- Furnishing matt profiles
- Luggage carriers





C442

ABS C442

Density g/cm³

1.04

MFR g/10min

6

Main Application

- Extrusion: Automotive industry internals or externals profiles
- Injection moulding: Automotive industry exteriors
(with proper master batches): grilles and rear view mirrors





B432 / E

ABS B432/E

Density g/cm³

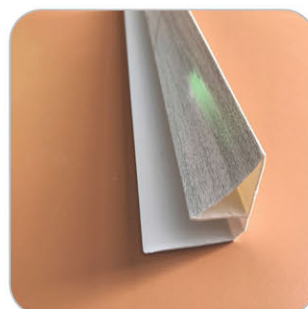
1.04

MFR g/10min

4

Main Application

- Industrial sheets
- Refrigeration (internal cabinets)
- Furnishing glossy profiles



B532/E

ABS B532/E

Density g/cm ³	1.04	MFR g/10min	5
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Main Application

- Refrigeration
- Sanitary
- Transport industrial packaging sectors
- Furnishing glossy profiles





B732/E

ABS B732/E

Density g/cm³

1.04

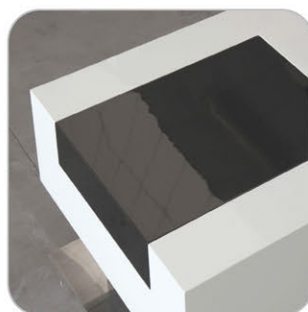
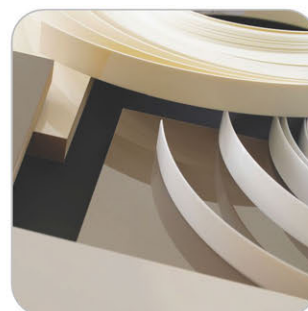
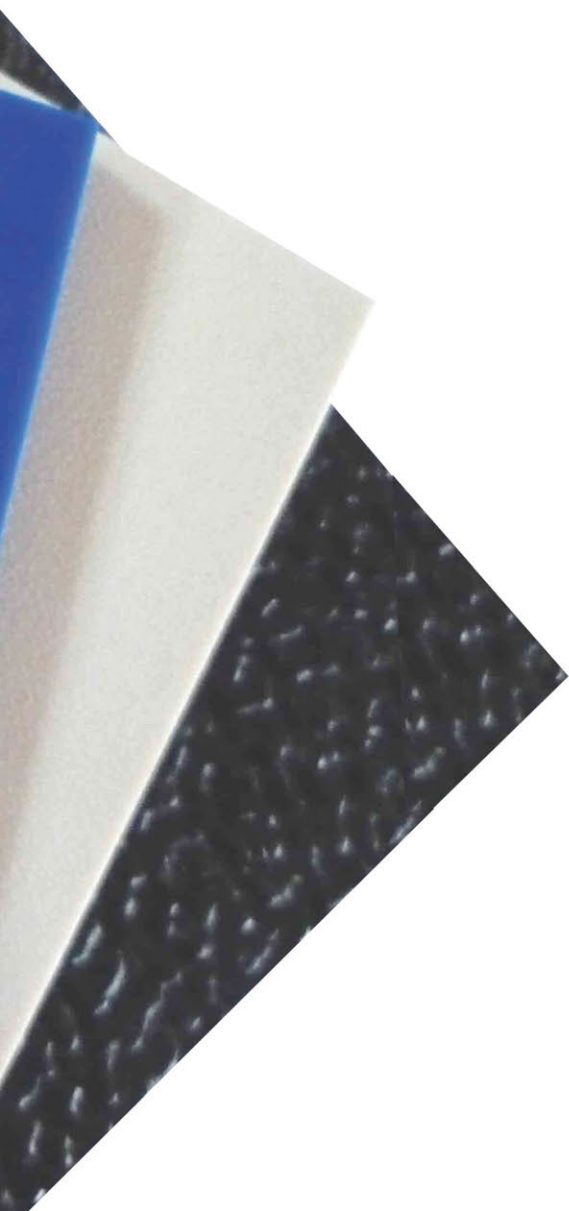
MFR g/10min

4.5

Main Application

- Refrigeration
- Sanitary
- Transport industrial packaging sectors
- Furnishing glossy profiles





F232

ABS F232

Density g/cm³

1.05

MFR g/10min

14

Main Application

- Washing machine front panels and frames
- Dishwasher front panels and frames
- Electrical components (high tension)



L322

ABS L322

Density g/cm ³	1.04	MFR g/10min	23
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Main Application

- Domestic small and large appliances
- WC cover
- Toys
- Telephones
- Electric box (low voltage)
- Medical devices





F332

ABS F332

Density g/cm ³	1.04	MFR g/10min	14
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Main Application

- Small household appliances
- White goods
- Vacuum cleaners
- Telephones





E332

ABS E332

Density g/cm³

1.04

MFR g/10min

10

Main Application

- Automotive industry internals





Intene P30

Rubber Intene P30

MV ML1+4@100°C 45-55 VMC wt% 0.75 max

Ashcontact wt% 0.2 max

Main Application

- Bulk and Suspension ABS process
- Tire bead area





SOL B183

Rubber SOL B183

Boundstyrene wt% 9.0 - 11 VMC wt% 0.75 max MV ML1+4@100°C 60-80

Blockstyrene wt% 4-6 Ashcontact wt% 0.2 max

Main Application

- Plastic Material (PS, ABS) modification





SOLT161B

Rubber SOLT161B

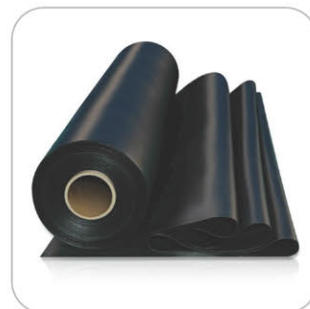
Boundstyrene wt% 29-33 VMC wt% 1 max

Blockstyrene wt% 100

Main Application

- bitumen modification for roofing
- Membranes used in roofing, road paving & pipe coating





SOLT6306

Rubber SOLT6306

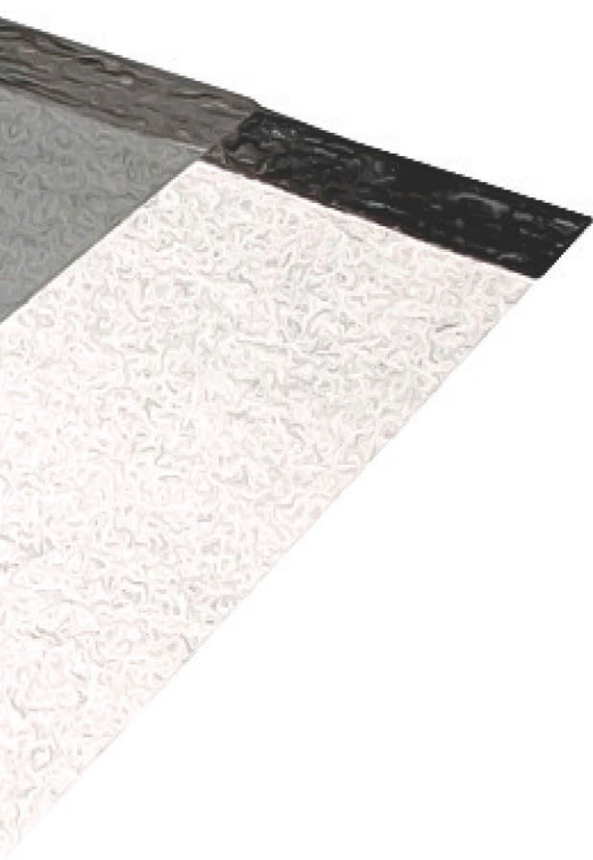
Boundstyrene wt% 34-38 VMC wt% 1 max

Blockstyrene wt% 100

Main Application

- bitumen modification for roofing





SOLT6302

Rubber SOLT6302

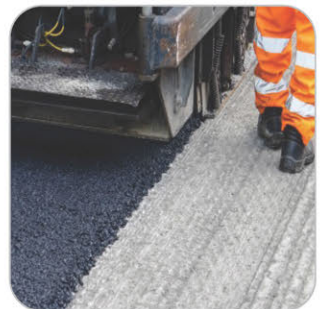
Boundstyrene wt% 29-33 VMC wt% 1 max

Blockstyrene wt% 100

Main Application

- bitumen modification for roofing and paving





BR 245

Rubber BR 245

MV ML1+4@100°C

50-60

VMC wt%

0.6 max

Ashcontact wt%

0.08

Main Application

- tire compounds





BR 277

Rubber BR 277

MV ML1+4@100°C

37-47

VMC wt%

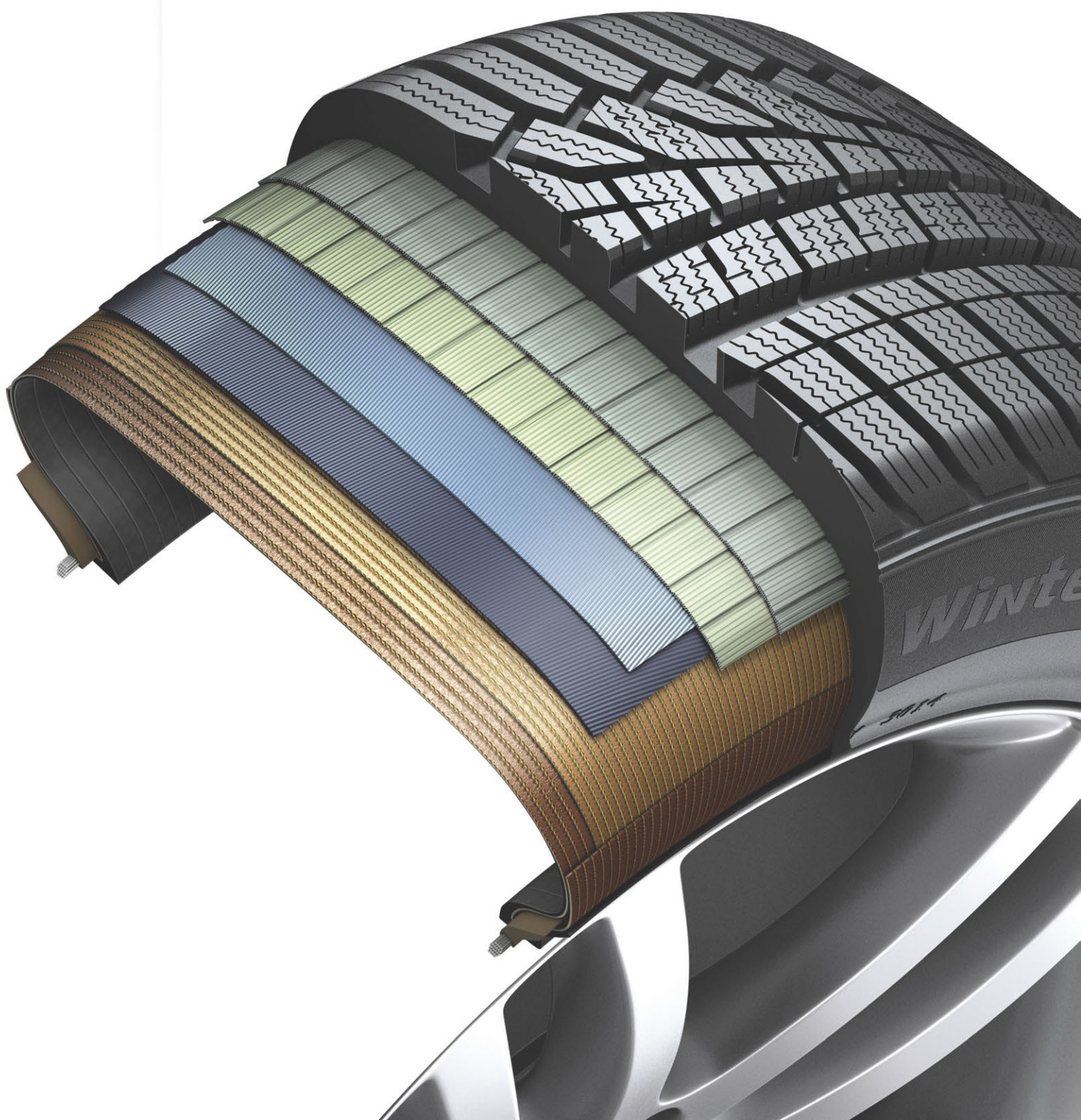
0.3 max

Ashcontact wt%

0.04

Main Application

- tire compounds







Design: BashirAllizadeh



www.PJPC.ir