

# SHOKALEN SH 1420 M7

Polypropylene EPDM



## Product Description

"SHOKALEN" SH 1420 M7 Is a Polypropylene with EPDM alloys, High flow and excellent paint adhesion characteristics. Suitable for the car bumpers. Highly UV-Stabilized, it is also suitable for partially and non-painted car bumpers. This grade is available in black pellet form.

## General

Manufacturer / Supplier	SHORAKA SEGANEH Co.
Additive	UV stabilizer
Forms	Pellets
Processing Method	Injection Molding
Features	Good UV Resistance Paintable
Uses	Automotive Bumper Automotive Exterior Parts Automotive Interior Parts

Physical		Unit	Nominal Value Unit
Density	ISO 1183	g/cm <sup>3</sup>	0.93
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	ISO 1183	gr/10 min	7

Mechanical	Test Method	Unit	Nominal Value Unit
Tensile Stress (Yield)	ISO 527-2	Mpa	18
Tensile Stress (Break)	ISO 527-2	Mpa	16
Tensile Strain (Break)	ISO 527-2	%	130

Impact	Test Method	Unit	Nominal Value Unit
Unnotched Izod Impact Strength 23 °C	ISO 180/4A	KJ/m <sup>2</sup>	No Break

Hardness	Test Method	Nominal Value Unit
Shore Hardness (Shore D, Injection Molded)	ISO 868	55

Thermal	Test Method	Unit	Nominal Value Unit
Heat Deflection Temperature 0.45 Mpa, Unannealed	ISO 75-2/B	°C	80
Melting Temperature	ISO 11357-3	°C	160

Injection	Nominal Value Unit
Rear Temperature	140 to 200 °C

Sales Office; 141. Khoramshahr (Apadana) Ave. Tehran, Iran  
tel; +98 21 88760011 - 12 fax; +98 21 88764366  
Email; Commercial@shorakaseganeh.com

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Factory; 111. Azadegan St, SaeedAbad, Tehran, Iran  
Tel; +98 021 65605410-14 Fax; +98 021 65602028  
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