

# Tuftec™ H1062

Styrene Ethylene Butylene Styrene Block Copolymer  
AKelastomers

## Message:

Specially designed for modification of polypropylene (PP), as a reinforcing agent that imparts high impact strength without significantly decreasing its rigidity, and also for increasing its elongation and low-temperature brittleness resistance to levels that are unattainable with olefinic elastomers. Also highly compatible with olefinic elastomers, enabling co-use. It is supplied in pellet form.

Primarily as modifier of PP for automotive exteriors and interiors, but also effective as modifier of PP for other applications, particularly those requiring elongation and low-temperature performance, as base polymer of SEBS compounds, and as adhesives and sealants component.

General Information			
Features	Impact resistance, high		
	Extended tensile rate		
Uses	Low temperature application		
	Car interior parts		
	Automotive exterior parts		
	Plastic modification		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min	ASTM D1238
Bound Styrene	18.0	%	Internal method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	60		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>	18.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	470	%	ASTM D638
Flexural Modulus <sup>3</sup>	1820	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 0.125 mm)	650	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	106	°C	ASTM D648
Brittleness Temperature	-32.3	°C	ASTM D746
Injection	Nominal Value	Unit	
Rear Temperature	230	°C	
Middle Temperature	230	°C	
Front Temperature	230	°C	
Mold Temperature	40.0	°C	
Injection instructions			

Injection Time: 10 secCooling Time: 30 sec

#### NOTE

1.	20 mm/min
2.	20 mm/min
3.	2.0 mm/min

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