TAFMER™ H-5030S

Polyalphaolefin

Mitsui Chemicals, Inc.

Message:

TAFMER™ H-5030S, ethylene based polymer, is a specialty olefinic resin designed to improve impact resistance, flexibility and softness of Polyethylene (PE) and Polypropylene (PP).

General Information			
Features	Low Specific Gravity		
	High elasticity		
	Impact resistance, good		
	Foamable property		
	Crosslinkable		
	Good flexibility		
	Low temperature impact resistance		
	Soft		
Uses	Plastic modification		
Agency Ratings	EU Unspecified Rating		
	FDA not rated		
Forms	Particle		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.870	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	5.0	g/10 min	ASTM D1238
230°C/2.16 kg	11	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A)	73		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	> 10.0	MPa	ASTM D638
Tensile Elongation (Break)	> 1000	%	ASTM D638
Torsional Rigidity (23°C)	4.00	MPa	ASTM D1043
Thermal	**Nominal Value**	**Unit**	**Test Method**
Brittleness Temperature	< -70.0	°C	ASTM D746
Melting Temperature	60.0	°C	Internal method

Recommended distributors for this material

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