

TAFMER™ MH5020C

Polyalphaolefin
Mitsui Chemicals, Inc.

Message:

TAFMER™ MH5020C, acid modified polyolefin, is used as a modifier for engineering plastics to improve impact resistance.

General Information			
Features	Low Specific Gravity		
	Impact resistance, good		
	Low temperature impact resistance		
Uses	Plastic modification		
Agency Ratings	EU Unspecified Rating		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.866	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.60	g/10 min	ASTM D1238
230°C/2.16 kg	1.2	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	> 3.00	MPa	ASTM D638
Tensile Elongation (Break)	> 1000	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -70.0	°C	ASTM D746

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