

TAFMER™ XM-5070S

Polyalphaolefin
Mitsui Chemicals, Inc.

Message:

TAFMER™ XM-5070S, propylene based polymer, is a specialty olefinic resin designed to improve mechanical properties of Polypropylene (PP) based product.

General Information			
Features	Good Clarity		
Uses	Plastic modification		
Agency Ratings	EU Unspecified Rating		
	FDA not rated		
Appearance	Clear/transparent		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	3.0	g/10 min	ASTM D1238
230°C/2.16 kg	7.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	52		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	290	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	11.0	MPa	ASTM D638
Fracture	34.0	MPa	ASTM D638
Tensile Elongation (Break)	750	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	75.0	°C	Internal method

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