

TAFMER™ DF610

Polyalphaolefin

Mitsui Chemicals, Inc.

Message:

TAFMER™ DF610, 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	Good Clarity 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		
Appearance	Clear/transparent		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.862	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	1.2	g/10 min	ASTM D1238
230°C/2.16 kg	2.2	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	57		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	> 3.00	MPa	ASTM D638
Tensile Elongation (Break)	> 1000	%	ASTM D638
Torsional Rigidity	2.00	MPa	ASTM D1043
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -70.0	°C	ASTM D746
Melting Temperature	< 50.0	°C	Internal method

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Recommended distributors for this material

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