

TAFMER™ A-70090

Polyalphaolefin
Mitsui Chemicals America, Inc.

Message:

TAFMER™ A-70090 is a Polyalphaolefin (PAO) material. It is available in North America. Primary attribute of TAFMER™ A-70090: Good Flexibility.

General Information			
Features	Good Flexibility		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.893	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	70	g/10 min	
230°C/2.16 kg	130	g/10 min	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	91		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	10.0	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Torsional Rigidity	14.0	MPa	ASTM D1043
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -70.0	°C	ASTM D746
Vicat Softening Temperature	60.0	°C	ASTM D1525
Melting Temperature	77.0	°C	ASTM D2117
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 1.0E+17	ohms·cm	ASTM D257
Dielectric Constant	2.20 to 2.40		ASTM D150
Dissipation Factor	< 5.0E-4		ASTM D150

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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