

TAFMER™ A-4090

Polyalphaolefin

Mitsui Chemicals America, Inc.

Message:

TAFMER™A- 4090 is a polyα-olefin (PAO) material. This product is available in North America.
TAFMER™The typical application field of A- 4090 is: food contact application

General Information			
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.890	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.6	g/10 min	ASTM D1238
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-70.0	°C	ASTM D746
Vicat Softening Temperature	65.0	°C	ASTM D1525
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+18	ohms·cm	ASTM D257
Dielectric Strength	55	kV/mm	ASTM D149
Dielectric Constant	2.10		ASTM D150
Dissipation Factor	1.3E-4		ASTM D150
Additional Information			

Tensile Strength @ Break, JIS K 6301: 310 kgf/cm²Elongation @ Break, JIS K 6301: 750%Surface Hardness, JIS K 6301, A Scale: 87

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Recommended distributors for this material

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