

TAFMER™ A-4090

Mitsui Chemicals America, Inc. - *Polyalphaolefin*
General Information
General

Material Status	• Commercial: Active
Availability	• North America
Agency Ratings	• FDA 21 CFR 177.1520
Forms	• Pellets

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.890	g/cm ³	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	-94.0	°F	ASTM D746
Vicat Softening Temperature	149	°F	ASTM D1525
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+18	ohms·cm	ASTM D257
Dielectric Strength	1400	V/mil	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/cm²

Elongation @ Break, JIS K 6301: 750%

Surface Hardness, JIS K 6301, A Scale: 87

Notes
¹ Typical properties: these are not to be construed as specifications.
