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Kynar® 740 Resin

PROPERTY	NOMINAL VALUES	TEST METHOD
Physical		
Density – Specific Gravity	1.78 sp gr 23/23°C	ASTM D792
Melt Mass-Flow Rate (230°C/12.5 kg)	6.0 g/10 min	ASTMD 1238
Water Absorption @ 24 hrs (68 °F)	0.020 %	ASTM D570
Mechanical		
Tensile Modulus (73 °F)	268,000 psi	ASTM D638
Tensile Strength at Yield (73 °F)	7000 psi	ASTM D638
Tensile Strength at Break (73 °F)	6000 psi	ASTM D638
Tensile Elongation at Yield (73 °F)	7.5 %	ASTM D638
Tensile Elongation at Break (73 °F)	130 %	ASTM D638
Flexural Modulus (73 °F)	288,000 psi	ASTM D790
Flexural Strength (73 °F)	9750 psi	ASTM D790
Compressive Strength (73 °F)	12,500 psi	ASTM D695
Impact		
Notched Izod Impact (73 °F)	3.00 ft-lb/in	ASTM D256
Unnotched Izod Impact (73 °F)	50.0 ft-lb/in	ASTM D256
Durometer Hardness (D scale)	78	ASTM D2240
Thermal		
DTUL @ 66 psi (Unannealed)	271 °F	ASTM D648
DTUL @ 264 psi (Unannealed)	230 °F	ASTM D648
Electrical		
Volume Resistivity	2.0E + 14 ohm-cm	ASTM D257
Dielectric Strength (73 °F)	1700 V/mil	ASTM D149
Flammability		
Flame Rating – UL	V-0	UL 94
Limiting Oxygen Index	44 %	ASTM D2863

*Kynar is a registered trademark of Arkema

**Typical values only. Actual properties of individual batches will vary within specification limits.