



Delrin®

acetal resin

Delrin® II 150SA NC010 High Viscosity Extrusion Grade Acetal Resin

Delrin® II150SA is a high viscosity extrusion grade, with low die deposit.

Property	Test Method	Units	Value
Mechanical			
Tensile Strength 5mm/min (0.2in/min)	ASTM D 638	MPa (kpsi)	69 (10)
Elongation at Break 5mm/min (0.2in/min)	ASTM D 638	%	75
Poisson's Ratio			0.35
Flexural Modulus	ASTM D 790	MPa (kpsi)	2900 (420)
Izod Impact	ASTM D 256	J/m (ft lb/in)	123 (2.3)
Unnotched Impact	ASTM D 4812	J/m (ft lb/in)	NB
Thermal			
Heat Deflection Temperature 0.45MPa (66psi), Annealed	ASTM D 648	°C (°F)	169 (336)
1.8MPa (264psi), Annealed			125 (257)
CLTE, Flow 23 to 55C (73 to 130F)	ASTM D 696	E-4/K (E-4/F)	1.22 (0.68)
Melting Point	ASTM D 3418	°C (°F)	178 (352)
Melt Flow Rate 1.05kg at 190C	ASTM D 1238	g/10 min	1
Electrical			
Dielectric Strength, Short Time Transformer oil P25/P25, 2.3mm (0.090in)	ASTM D 149	MV/m (V/mil)	19.7 (500)
Dissipation Factor 1E6 Hz	ASTM D 150		0.005
Other			
Density	ASTM D 792	g/cm3	1.42
Processing			
Melt Temperature Range		°C (°F)	205-225 (400-440)

Contact DuPont for MSDS, general guides and/or additional information about ventilation, handling, purging, drying, etc.
Mechanical properties measured at 23°C (73°F) unless otherwise stated.

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