

## TechResin® 5630T

### *Homopolymer for Injection Molded Applications*

TechResin® 5630T is a homopolymer polypropylene designed for general purpose injection molded applications such as closures. It contains a unique combination of stabilizers which give it excellent processability with high stiffness, heat performance and good organoleptics. TechResin® 5630T contains antistat but no nucleation.

TechResin® 5630T meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles and components of articles intended for direct food contact.

This material is free of animal-derived content.

### Typical Properties of this Commercial Grade

Property	Test Method	Typical Values	
		English	SI
Melt Flow Rate, I <sub>2</sub> @ 230°C	ASTM D1238	30 g/10 min	30 g/10 min
Density	ASTM D1505	0.9 g/cm <sup>3</sup>	0.9 g/cm <sup>3</sup>
Tensile Strength at Yield (50 mm/min)	ASTM D638	5,000 psi	34.5 MPa
Elongation at Yield (50 mm/min)	ASTM D638	9 %	9 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	180,000 psi	1241 MPa
Notched Izod Impact Strength @ 73°F	ASTM D256A	0.4 ft-lb/in	21 J/m

*Notes: Specimens were injection molded according to the conditions specified in ASTM D4101.*

*Data for representative purposes only; not to be construed as product specification.*

*Published 3/99, Revised 4/13*

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