



Typical Properties of

PP**Copolymer Polypropylene**

Process: Extruded

Property	Test Method	Unit	Value
Specific Gravity	D792	--	0.9
Tensile Strength	D638	psi	3,400
Tensile Modulus	D638	psi	173,000
Elongation	D638	%	300
Flexural Strength	D790	psi	5,400
Flexural Modulus	D790	psi	160,000
Compressive Strength	D695	psi	--
Compressive Modulus	D695	psi	--
Hardness, Rockwell	D785	--	--
Hardness Durometer	--	--	D72
Izod Impact (notched)	D256	ft. lb of notch	8
Coeff. of Friction (Dynamic)	--	dry v.s steel	--
Coeff. of Linear Therm. Expan.	E831/ D696	in./in./°F	6.6×10^{-5}
Continuous Use Temperature	--	°F	180
Heat Deflection Temperature	D648	°F	212
Glass Transition Temperature	D3418	°F	140
Melting Point	D3418	°F	305
Thermal Conductivity	E1530-11	BTU in/hr ft ² °F	--
Dielectric Strength	D149	Volts/mil	575
Surface Resistivity	EOS/ESD 511.11	ohm/square	$>10^{15}$
Flammability	UL94	--	HB
Water Absorption, 24 hrs.	D570	% by weight	<.01
Water Absorption, Saturation	D570	% by weight	<.01
Limiting PV (4:1 Safety Factor)	--	--	--
K-Factor	--	--	--
FDA Compliance	--	--	Yes

Note: The data provided is for reference purposes only. Additional testing may be required for design specifications or quality control.
All values at 73 F unless otherwise stated.