

Polypropylene

DESCRIPTION:

Polypropylene copolymer provides a good balance of strength, impact resistance, low temperature performance, and colorability. Available as a natural colored, colorable compound.

PROPERTY	TYPICAL VALUE	UNITS	ASTM METHOD
PHYSICAL			
Rockwell Hardness	80	R scale	D-785
Specific Gravity	0.90		D-792
Melt Flow Rate (230°C, 2.16 kg)	0.45	g/10 min	D-1238
MECHANICAL			
Flexural Modulus	162,000	psi	D-790A
Tensile Strength @ Yield	4060	psi	D-638
Tensile Elongation @ Yield	11	%	D-638
Notched Izod Impact @ 23°C	No Break	ft-lb/in	D-256
THERMAL			
Heat Deflection Temp			D-648
0.125 in @ 66 psi	190	° F	
0.125 in @ 264 psi	124	° F	
Coefficient of Linear Thermal Expansion	6.6×10^{-5}	in/in/°F	D-696
FLAMMABILITY			
Flame Rating – UL at 0.0394"	HB		UL94

The information provided above is based on typical values, and is believed to be reliable. No warranty is given as to the suitability of the product for a particular application. Determination of the suitability of this product for any use is solely the responsibility of the user.