

CPP 4900.NB

Impact Copolymer Polypropylene



Overview

CPP 03900.NB features ultra-high impact resistance, balanced stiffness and toughness, nucleated, no break impact copolymer, and medium flow.

Applications

- Consumer applications
- Industrial applications
- Tools and tote boxes
- Toys
- Crates

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16kg)	4	g/10 min	D 1238
Density (g/cm ³)	0.900	g/cm ³	D 792
Tensile Strength at Yield	3790	psi	D638
Tensile Stress at Yield	3810	psi	ISO 527-2/50
Tensile Elongation at Yield	5.5	%	D638
Tensile Strain at Yield	4.2	%	ISO 527-2/50
Flexural Modulus – 1% Secant	195,000	psi	D790A
Notched Izod Impact (73°F/23°C)	No Breaks		D256A
Notched Izod Impact Strength, -40°C	1.8	ft-lb/in ²	ISO 180/1A
Charpy Notched Impact Strength, -22°F	2.1	ft-lb/in ²	ISO 179/1eA
Gardner Impact, -20°C	262	in-lb	D5420
Deflection Temperature Under Load at 66psi, Unannealed	207	°F	D648
Heat Deflection Temperature	127	°F	ISO 75-2/A