

RCoPP 35900

Random Copolymer Polypropylene



Overview

STAR RCoPP 35900 is a polypropylene random copolymer (PP Random Copolymer) material designed for injection molding.

Applications

- Consumer products
- Food packaging

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	35	g/10 min	D 1238
Density (g/cm ³)	0.900	g/cm ³	D 792
Melting Temperature Range	293-306	°F	D3418
Tensile Strength at Yield	3900	psi	D638
Elongation at Yield	11	%	D638
Flexural Modulus, 1% Secant	143	kpsi	D790
Deflection Temperature @ 66 psi	185	°F	D648
Rockwell Hardness	80	R	D785
Notched Izod Impact @ 23°C	1	°C	D256
Gardner Impact @ 23°C	>320	in-in	D5420

This resin is nucleated, has antistatic agent and is produced without animal components or phthalates