

CoPP 2.900

Polypropylene Impact Copolymer



Overview

STAR CoPP 2.900 is a Polypropylene Impact Copolymer (PP Impact Copolymer) material designed for film extrusion or thermoforming. Typical applications include: Film, Food Contact Applications, Sheet.

Applications

- Thermoforming
- Corrugated sheets

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	1.7	g/10 min	D 1238
Density (g/cm ³)	0.900	g/cm ³	D 792
Tensile Strength at Yield	4000	psi	D638
Tensile Elongation at Yield	9	%	D638
Flexural Modulus, 1% Secant	17000	psi	D790
Notched Izod Impact, 73 °F	4.0	ft-lb/in	D256A
Deflection Temp. Under Load, 66 psi	194	°F	D648

This resin 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.