

RCP 2900

Polypropylene Random Copolymer



Overview

The use of an advanced nucleator offers the desirable aesthetic values of neutral color and low haze.

Additionally, it provides fast crystallization speed and uniform, isotropic shrinkage enabling fast forming.

FDA Status: 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.

Applications

- Extrusion
- Thermoforming

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.5 kg)	2.3	g/10 min	D 1238
Density (g/cm ³)	0.900	g/cm ³	D 792
Elongation at Yield	13	%	D638
Tensile Strength (Yield)	4200	psi	D638
Flexural Modulus - 1% Secant	150,000	psi	D790
Notched Izod Impact (73°F/23°C)	5	lb-in	D256
Plaque Haze	12	%	

Typical properties: these are not to be construed as specifications.