

PRODUCT DATA SHEET

PP 12910
Homopolymer Polypropylene

Recommended Applications

General purpose, household goods, toys, business equipment, and food containers.

Description

PP 12910 is a homopolymer polypropylene resin suitable for general purpose products produced by injection molding processing. This resin features great processability and emits low to no odor.

Property		Value	Unit	Test Method
Melt Index (condition 190°C/2.16 kg)		12.0	g/10min	D 1238
Density		.910	g/cm ³	D 1505
Molding Shrinkage		0.012	in/in	D 955
Tensile Strength at Yield		4550	psi	D 638
Tensile Strength at Break		2840	psi	D 638
Tensile Elongation		650	%	D 638
Flexural Modulus		206000	psi	D 790
Notched Izod Impact	(32 °F)	0.37	ft-lb/in	D 256
	(73 °F)	0.55		
Rockwell Hardness (R Scale)		90		D 785
Deflection Temperature Under Load	(66 psi)	230	°F	D 648
	(264 psi)	149		
Brittleness Temperature		4.0	°F	D 746
Vicat Softening Temperature		311	°F	D 1525
Melting Temperature		325	°F	D 2117
Gloss		51		D 2457
Haze		47	%	D 1003

FDA Status

This resin complies with FDA 21 CFR 177.1520. For more information contact Product Regulatory Compliance.

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility.