

CYNPOL HD2052

High Density Polyethylene Resin

Product Description

CYNPOL HD2052 is a hexene copolymer high density polyethylene which is designed for the good stiffness and good impact strength for the injection molding applications.

Applications

Crates, Pails, Houseware, Toys.

Requirement meets

CYNPOL HD2052 meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520 which is covering safe use of polyolefin articles intended for food contact.

Physical Properties

Property ¹	Test Method	Unit	Typical Value	Reference
Melt Index	ASTM D-1238	g/10min	20	2.16kg at 190 °C
Density	ASTM D-4883	g/cc	0.952	
Tensile Strength, Yield	ASTM D-638	Mpa	26	
Elongation, Break	ASTM D-638	%	300	
Flexural Modulus	ASTM D-790	Mpa	1200	
ESCR (100% Igepal)	ASTM D-1693	hr	10	
Notched IZOD Impact	ASTM D-256	J/m	30	at 23°C

¹The technical information is based on compression molded specimens and data information herein refers to typical values. Since conditions of product use is outside our control, we make no warranties and assume no liability in connection with any use of this information.



For technical support & more information

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