CYNPOL®

CYNPOL HD2055

High Density Polyethylene Resin

Product Description

CYNPOL HD2055 is designed for injection molding products with good processing characteristics and great toughness and color, low odor.

Applications

Houseware, caps and closure, food containers.

Requirement meets

CYNPOL HD2055 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/cm^3	0.955	
Tensile Modulus (1% Secant)	ASTM D-638	MPa	740	
Tensile Elongation at Break	ASTM D-638	%	9	
Flexural Modulus (1% Secant)	ASTM D-790	MPa	1,100	
Vicat Softening Temperature	ASTM D-1525	℃	125	
Notched IZOD Impact	ASTM D-256	J/m	26	at 23°C

[1]The 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.

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For technical support & more information

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