

## CYNPOL HDB354

High Density Polyethylene Resin

### Product Description

CYNPOL HDB354 is a high density polyethylene hexene copolymer grade for blow molding application. This product is designed for good ESCR property.

### Applications

Pharmaceutical and cosmetic bottles, chemical containers, household container, oil bottles.

### Requirement meets

CYNPOL HDB354 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 <sup>1</sup>	Test Method	Unit	Typical Value	Reference
Melt Index	ASTM D-1238	g/10min	0.35	2.16kg at 190 °C
Density	ASTM D-1505	g/cm <sup>3</sup>	0.954	
Tensile Strength, Yield	ASTM D-638	Mpa	27	
Elongation, Break	ASTM D-638	%	500	
Flexural Modulus (Secant 1%)	ASTM D-790	MPa	1250	
ESCR (100% Igeral)	ASTM D-1693	h	55	

<sup>1</sup>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.



For technical support & more information

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