

CYNPOL HM0645UV

High Density Polyethylene Resin

Product Description

CYNPOL HM0645UV is a high molecular weight, hexene copolymer high density polyethylene with UV stabilizer. It shows excellent processability, outstanding melt strength, high impact strength, high ESCR, chemical resistance.

Applications

IBC(Intermediate Bulk Containers)

Requirement meets

CYNPOL HM0645UV 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 (High Load)	ASTM D-1238	g/10min	6.3	21.6kg at 190 °C
Density	ASTM D-792	g/cm ³	0.945	
Tensile Strength, Yield	ASTM D-638	MPa	22	
Vicat Softening Temperature	ASTM D-1525	°C	124	
Flexural Modulus	ASTM D-790	MPa	1,000	
ESCR(100% Igepal)	ASTM D-1693	hr	>1,000	

¹The technical information is based on injection 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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