

## CYNPOL HD0860UV

High Density Polyethylene Resin

### Product Description

CYNPOL HD0860UV is a narrow molecular weight distribution homopolymer high density polyethylene which is designed for good gloss and good stiffness for the injection molding applications. It contains UV stabilizer for out door applications.

### Applications

General injection molding products.

### Requirement meets

CYNPOL HD0860UV 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	8.0	2.16kg at 190 °C
Density	ASTM D-4883	g/cm <sup>3</sup>	0.960	
Tensile Strength, Yield	ASTM D-638	MPa	30	
Elongation, Break	ASTM D-638	%	380	
Flexural Modulus(1% Secant)	ASTM D-790	MPa	1,300	
(2% Secant)	ASTM D-790	MPa	1,050	
Notched IZOD Impact	ASTM D-256	J/m	23	at 23°C

<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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