

## CYNPOL HDF756

High Density Polyethylene Resin

### Product Description

CYNPOL HDF756 is a high density polyethylene, ethylene-hexene copolymer. It is designed for blown film application which require high stiffness, excellent film drawdown, exceptional processability, blending with LDPE and LLDPE.

### Applications

Multi-layer liners, coextrusions, overwraps, various bags, blow molding products.

### Requirement meets

CYNPOL HDB763 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	0.75	2.16kg at 190 °C
Density	ASTM D-4883	g/cc	0.956	
Tensile Strength, Break	ASTM D-882	MPa	MD 48 TD 16	
Tensile Elongation, Break	ASTM D-882	%	MD 560 TD 480	
1 % Secant Modulus	ASTM D-882	MPa	MD 800 TD 900	
Elmendorf Tear	ASTM D-1922	g/mil	MD 45 TD 12	
Dart	ASTM D-1709	g/mil	48	

<sup>1</sup>The blown film properties is produced by using a grooved extruder at a rate 8lb/in die with a 2.5:1 BUR using dual air ring, 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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Revised March 2018