

CYNPOL LL5026

Linear Low Density Polyethylene Resin

Product Description

CYNPOL LL5026 is a butene linear low density polyethylene resin for injection molding. This product is designed for excellent flow with good stiffness.

Applications

Lids, closures, containers, houseware, compounding.

Requirement meets

CYNPOL LL5026 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	50	2.16kg at 190 °C
Density	ASTM D-792	g/cm ³	0.926	
Tensile Strength, at Yield	ASTM D-638	MPa	11.5	
Elongation at Break	ASTM D-638	%	80	
Flexural Modulus(2% Secant)	ASTM D-790B	MPa	400	
ESCR 10% Igepal, F50	ASTM D-1693B	hr	29	
Vicat Softening Temperature	ASTM D-1525	°C	85	

¹The technical information on properties is based on compression molded sample and all 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.