

InnoPlus LL9630A

Linear Low Density Polyethylene
PTT Global Chemical Public Company Limited

Message:

InnoPlus LL9630A resin is a hexene co-polymer based linear low density polyethylene which is designed for rotational molding applications. This grade is non UV-stabilized pelletized rotational molding resin with high stiffness and an excellent balance of processability and environmental stress cracking resistance.

Typical Applications:

InnoPlus LL9630A can be used to produce variety applications such as general molding, toys & playground equipments, storage containers, medium to large water tanks and chemical tanks.

General Information			
Features	Copolymer		
	Good Processability		
	Hexene Comonomer		
	High ESCR (Stress Crack Resist.)		
	High Stiffness		
Uses	Agricultural Tanks		
	Containers		
	General Purpose		
	Toys		
Forms	Pellets		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.939	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.2	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C, 1.90 mm, 100% Igepal, Compression Molded, F50)	> 1000	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Compression Molded)	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, Compression Molded	20.0	MPa	
Break, Compression Molded	30.0	MPa	
Tensile Elongation (Break, Compression Molded)	1000	%	ASTM D638
Flexural Modulus (Compression Molded)	750	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method

Brittleness Temperature	< -70.0	°C	ASTM D746
Vicat Softening Temperature	118	°C	ASTM D1525
Additional Information	Nominal Value	Unit	
Oven Temperature	260 to 290	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

