

PolyLink PL6338

- Hexene Copolymer
- Rotation Moulding Grade

Key Features

Melt Flow Index: 3.2 g/10 min
Density: 0.938 g/cm³
Good mouldability

Typical applications

General Molding
Toys and Playground Equipments
Storage Containers, Medium to Large Water
Tanks
Chemical Tanks

Product Description

PolyLink PL6338 polyethylene resin is a hexene co-polymer based linear low density polyethylene designed for rotational moulding applications. The grade has an excellent balance of properties such as impact strength, stiffness and flow characteristics.

PL6338 contains a fully formulated UV stabilisation package.

PL6338 is available in its natural powder form and custom compounded colours.

Physical Characteristics¹

Characteristics	Value	Unit	Test Method
Melt Flow Index (MFI)	3.2	g/10min	ASTM D 1238
Density	0.938	g/cm ³	ASTM D 1505
Vicat Softening Point	118	°C	ASTM D 1525
ESCR F ₅₀ (Condition A 100% Igepal)	>1000	h	ASTM D 1693
Flexural Modulus	750	MPa	ASTM D 790
Tensile at Yield	20	MPa	ASTM D 638
Tensile at Break	30	MPa	ASTM D 638
Elongation at Break	1000	%	ASTM D 638

¹ Data values shown are average values for the base resin and should not be used for specification limits.

Polymer Link Sdn. Bhd. makes no representations or warranties and there are no conditions with respect to the accuracy, reliability, or application of the information herein, its products or the safety or suitability thereof, or results obtained, whether expressed or implied including, without limitation, any implied warranty or merchantability or fitness for a particular purpose. Buyers and users must determine the results to be obtained from the application of the information herein and the safety and suitability of Polymer Link Sdn. Bhd. products for their own purposes, and assume all risk, responsibility, and liability for all injuries, losses, or damages arising from the application of the information herein or use of Polymer Link Sdn. Bhd. products, whether or not occasioned by Polymer Link Sdn. Bhd. negligence or based on strict product liability. Polymer Link Sdn. Bhd. neither assumes nor authorizes any person to assume for it any liability in connection with the use of information herein or its products.