TURKMENPLENE LH 5072

POLYPROPYLENE HOMOPOLYMER FOR RAFFIA

PRODUCT DESCRIPTION

LH 5072 is a polypropylene homopolymer with standard molecular weight distribution. The product is characterized by medium melt flow range, an optimal stabilization package and balanced physical and mechanical properties.

APPLICATION

LH 5072 is a general purpose grade recommended for Injection Moulding, Extrusion and Thermoforming applications.

Properties	Typical Value	Method
Density (23°C)	0.902 g/cm^3	ASTM D 1505
Melt Flow Index (230°C/2.16 kg)	3.5 g/10 min	ASTM D 1238
Melting Point	163°C	ASTM D 2117
Vicat Softening Point	145°C	ASTM D 1525
Heat Distortion Temperature @ 0.45 MPa	110°C	ISO 75-2
Tensile Stress at Yield	35 MPa (50mm/min)	ASTM D 638
Elongation at Yield	8 % (50mm/min)	ASTM D 638
Flexural Modulus 1% secant	1500 MPa (50mm/min)	ASTM D 638
Notched Izod Impact Strength at 23° C	4 kJ/m2	ISO 179/1eA

STORAGE

This product should be stored in a dry area with an ambient temperature below 50°C. It should be kept away from sunlight and heat. Inappropriate storage conditions can lead to deterioration in physical properties. It is advised to process within 6 months after delivery.

PACKAGING

The product is packed in 25 kg bags with shrink wrapped pallets.

NOTES

These are typical properties only and are not to be construed as specifications.

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