Polyolefin Compound

ZARPLS™ LD3712

Technical Datasheet

LDPE High Performance Compound

Product Description

ZARPLS™ LD3712 is blown film compound is a fractional melt index grade designed for demanding heavy duty film applications. It combines excellent strength properties with outstanding Processibility. and for cable Jacketing/Insulation.

General Information

Applications	• Cable Jacket/Insulation	• Zipper Bag Heavy Duty Bags	• Injection Molding
	• Agricultural Film	• Construction Film	• Pallet Shrink Film , Blown Film
Additive Form(s)	• Anti-Static : NO	• Processing Aid : YES	• Slip : NO • Thermal Stabilizer : YES
	• Pellets		

Basic Properties

	Typical Value	*Test Method*
Density	0.925 gr/cm3	ASTM D1505 - ISO 1183
Melt Index (190°C/2.16 kg)	0.25 gr/10 min	ASTM D1238 - ISO 1133

Thermal and Mechanical Properties

	Typical Value	*Test Method*
Tensile Strength at Yield MD	11 MPa	ASTM D882
Tensile Strength at Yield TD	10 MPa	ASTM D882
Tensile Strength at Break MD	25 MPa	ASTM D882
Tensile Strength at Break TD	21 MPa	ASTM D882
Elongation at Break MD	100 %	ASTM D882
Elongation at Break TD	500 %	ASTM D882
Secant Modulus MD - 1% Secant	180 MPa	ASTM D882
Secant Modulus TD - 1% Secant	240 MPa	ASTM D882
Gloss	35	ASTM D2457
Haze	<16	ASTM D1003

ZAR POLYMER

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Notes

This product is not intended for use in medical applications and should not be used in any such applications.
Typical properties: these are not to be construed as specifications.

Value reported is an estimate based on ZARPOLYMER correlation from melt flow rate data measured at other standard conditions, based on ASTM D 1238.

Packaging

Package: 25 kg plastic sealed bags – Packed on wooden Pallets (1200kg or upon request)

500 kg or 1000 kg in strong reinforced Jumbo-Bags (Upon request)

Processing Statement

1. Values are typical and should not be interpreted as specifications. Values may change with future development.
2. All molded properties were measured on compression molded plaques

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