



Sipchem LD 6523

Low Density Polyethylene Resin

Product description: Sipchem LD 6523 Low Density Polyethylene resin, manufactured by IPC[†] in The Kingdom of Saudi Arabia using an Exxon-Mobil high-pressure tubular process.

LD 6523 is a general purpose LDPE grade offering good stiffness, good toughness and easy processing.

Applications: Compounding, Food Packaging, Houseware Articles, Injection Molding, Masterbatch Base Resin, Rigid Medium Sized Molding.

Properties	Typical Value ¹	Unit	Test Method
Melt Index (190°C / 2.16 kg)	6.5	g/10 min	ASTM D1238
Density	0.923	g/cm ³	IPC Method
Melting Point	111	°C	IPC Method
Vicat Softening Temperature	93	°C	ASTM 306
Tensile Modulus	220	MPa	ISO 527-2/1A/1
Tensile Stress at Break	10	MPa	ISO 527-2/1A/50
Tensile Strain at Break	120	%	ISO 527-2/1A/50
Shore Hardness (Shore D, 15 sec)	46		ISO 868

1. These are typical properties: these are not to be construed as specifications.
2. This product is not intended for use in medical applications and should not be used in any such applications.
3. Contact your Sipchem Representative for potential food contact application compliance.

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