

HDPE, Industrial Packaging

Large Blow Molding

PROPERTIES	PHYSICAL		MECHANICAL				OTHER			SPECIFIC CHARACTERISTICS AND TYPICAL CUSTOMER APPLICATIONS
	Density 23°C	MFR 190°C, 21.6 kg	Tensile Modulus	Tensile Stress at Yield	Tensile Elongation at Yield	Tensile Impact Strength Notched -30°C	ESCR (FNCT): 3,5 MPa, 80°C, 2% Aqueous Wetting Solution	ESCR (FNCT): 6 MPa, 50°C, 2% Aqueous Wetting Solution	Delivery Form	
Test Method	ISO 1183-1	ISO 1133-1	ISO 527			ISO 8256	ISO 16770	ISO 16770		
Units	g/cm ³	g/10 min	MPa	MPa	%	kJ/m ²	h	h		
PRODUCT GRADES – HDPE										
<i>Lupolen 4261AG Q469</i>	0.945	6	850	24	10	170	60	-	Pellet	Outstanding ESCR; high impact resistance; good chemical resistance; Jerry Cans (also coex); packaging of dangerous goods
<i>Lupolen 4261AG UV 60005</i>	0.945	6	850	24	10	170	60	-	Pellet	UV stabilized; outstanding ESCR; high impact resistance; good chemical resistance; Jerry Cans; IBC; HOT; packaging of dangerous goods
<i>Lupolen 4261A Q149</i>	0.945	6	850	24	10	170	60	-	Powder	Outstanding ESCR; high impact resistance; good chemical resistance; additive free; Jerry Cans, Drums (high purity applications, coex)
<i>Lupolen 4261AG Q474</i>	0.945	6.5	850	24	10	170	60	-	Pellet	Outstanding ESCR; high impact and good chemical resistance; injection molded IBC outlet valves and accessories; packaging of dangerous goods
<i>Lupolen 5261ZS</i>	0.951	2	1000	26	9	250	20	-	Powder	High ESCR; high impact resistance; high rigidity; high chemical resistance; Jerry Cans; Drums; packaging of dangerous goods
<i>Lupolen 5121 A</i>	0.951	5	1050	25	7	150	16	-	Pellet	High rigidity; high ESCR; good flowability; very good impact resistance; Jerry Cans; packaging of dangerous goods
<i>Hostalen ACP 5331 A</i>	0.952	6.5	1050	26	10	150	-	100	Pellet	Excellent combination of stiffness and ESCR; very good impact resistance; Jerry Cans and Drums; packaging of dangerous goods
<i>Lupolen 5261Z</i>	0.954	2	1200	27	9	250	12	-	Powder	Good ESCR; high impact resistance; high rigidity; high chemical resistance; Jerry Cans; Drums; packaging of dangerous goods
<i>Lupolen 5261Z HI</i>	0.954	2	1200	28	8	280	12	-	Powder	Outstanding impact resistance; good ESCR; high rigidity; L-Ring Drums; packaging of dangerous goods
<i>Hostalen ACP 5531 B</i>	0.954	9.5	1250	27	10	90	40	100	Pellet	Excellent combination of stiffness and ESCR; high rigidity; good impact resistance; Jerry Cans; packaging of dangerous goods
<i>Purell ACP 5531 B</i>	0.954	9.5	1250	27	10	90	40	-	Pellet	Excellent combination of stiffness and ESCR; high rigidity; dedicated grade for health-care applications; Jerry Cans
<i>Histif 5431 Z</i>	0.954	2.6	1200	27	8	290	-	35	Pellet	Outstanding impact resistance; good ESCR; high rigidity; L-Ring Drums; packaging of dangerous goods
<i>Hostalen GM 9350 C black</i>	0.995	3	1200	28	7	45	90	-	Pellet	Conductive grade (carbon black), outstanding ESCR, good chemical resistance, limited impact resistance; Jerry Can, Drum (coex), IBC (coex)

HOT = Heating Oil Tank, IBC = Intermediate Bulk Container, ESCR = Environmental Stress Crack Resistance, FNCT = Full Notched Creep Test

You can find out more about us by visiting our website at: www.lyb.com.

Before using a product sold by a company of the LyondellBasell family of companies, users should make their own independent determination that the product is suitable for the intended use and can be used safely and legally. SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY WARRANTY) OTHER THAN AS SEPARATELY AGREED TO BY THE PARTIES IN A CONTRACT. This product(s) may not be used in: (i) any U.S. FDA Class I, Health Canada Class I, and/or European Union Class I Medical Devices, without prior notification to Seller for each specific product and application; or (ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor. (iii) Additionally, the product(s) may not be used in: (1) U.S. FDA Class III, Health Canada Class IV, and/or European Class III Medical Devices; (2) applications involving permanent implantation into the body; (3) life-sustaining medical applications; and (4) lead, asbestos or MTBE related applications. All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification. Users should review the applicable Material Safety Data Sheet before handling the product.

Lupolen, Hostalen, Histif and Purell are trademarks owned and/or used by the LyondellBasell family of companies. *Lupolen, Hostalen, and Purell* are registered in the U.S. Patent and Trademark Office.