

TASNEE

HDPE

HD B1258

Product information

Manufacturer TASNEE Petrochemicals Co.

Material Shape Pellets

Process Blow molding

Material Attribute Blowing grade

Features High stiffness Stress crack resistance

Application Food container Blow moulded containers Consumer applications

Hardness	Condition	Standard	Value	Unit
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Ball	Indentation Hardness H132/30	ISO 2039	53	MPa
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Shore	Hardness D	ISO 868	63	
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Mechanical behavior	Condition	Standard	Value	Unit
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Charpy	Notch Impact -30°C	ISO 179	11	kJ/m ²
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Elongation	Yield	ISO 527	10	%
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Tensile	Modulus	ISO 527	1320	MPa
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Tensile	Strength Yield	ISO 527	28	MPa
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Tensile	Impact Strength	ISO 8256	75	kJ/m ²
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Physical property	Condition	Standard	Value	Unit
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Density		ISO 1183	0.958	g/cm ³
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Environmental	Stress Crack Resistance 80°C 3.5MPa 2% Arkopal N1	ISO 16770	8	hr
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Intrinsic	Viscosity	ISO 1628	260	mL/g
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Melt	Index 190°C 2.16kg	ISO 1133	0.25	g/10min
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Melt	Index 190°C 5kg	ISO 1133	1.2	g/10min
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Melt	Index 190°C 21.6kg	ISO 1133	22	g/10min
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Thermal	Condition	Standard	Value	Unit
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Vicat	Softening Temperature 50°C/hr 50N	ISO 306	79	°C
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