

PROVISIONAL DATA SHEET

M 5025L

M5025L is an Injection Molding Grade HDPE manufactured using the Basell's Spherilene Gas Phase Technology. This resin is particularly recommended for general-purpose Injection Molded items.

M5025L combines Excellent Processability with good mechanical properties.

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg at 190° C)	ASTM D 1238	g/10 min	25.0
Density (at 23°C)	ASTM D 1505	g/cm ³	0.950
Physical Property			
Tensile Strength at Yield**		MPa	20
Elongation at Break**	ASTM D 638	%	150
Izod Impact Strength (Notched, 23 ° C)	ASTM D 256	J/m	28
Flexural Modulus	ASTM D 790	MPa	650

* Halene H is the registered trademark of High Density Polyethylene of HPL

** Tensile Properties are on Injection Molded Type IV Specimens as per ASTM D 638

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