



Data Sheet

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Classification	Injection	HomoPolymer
GRADE	h550	

Properties	High Stiffness, Good Heat Resistance
Application	General Articles

Data Sheet of Properties

Properties	ASTM	Unit	Standard Values
MI	D1238	g/10min	11.0
Density	D792	g/cc	0.903
Tensile Strength (Yield)	D638	kg/cm ²	380
Elongation (Yield)	D638	%	10
Elongation (Break)	D638	%	>500
Flexural Modulus	D790A	kg/cm ² (×1,000)	16
Rockwell Hardness	D785	R scale	105
IZOD Impact Strength	D256	kg.cm/cm	2.5
Vicat Softening Point	D1525B	°C	152
Heat Distortion Temp	D648	°C	125
Mold Shinkage (MD/TD)	D955	%	1.5~1.9
UL Rank	-	-	94HB
Haze	D1003	%	
Coefficient of Friction	D1894	-	
Young's Modulus	D882	kg/cm ² (×1,000)	
Heat Sealing Temp	LG-Caltex	°C	

- The figures indicated on the table are standard values.
- The products can be designed as the applications and characteristics, please contact bellowing number.

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