



POLYPROPYLENE RANDOM COPOLYMER SEETEC M1700

Producer: LG Chem, Ltd / Korea

Description: **SEETEC M1700** is a heterophasic polypropylene copolymer for injection molding applications. SEETEC M1700 exhibits a very high flowability and a good balance of stiffness and impact strength.

Applications: Washing Machine parts (Tub), Housewares

PROPERTIES	TEST METHOD	TEST CONDITION	UNIT	VALUE
Melt Flow Rate	ASTM D 1238	230°C/2.16 kg	g/10 min	40
Density	ASTM D 1505	-	g/cm ³	0.9
<u>Mechanical</u>				
Tensile strength at Yield	ASTM D 638	50 mm/min	kgf/cm ²	270 26
Elongation at Break	ASTM D 638	50 mm/min	Mpa	50
Flexural Modulus	ASTM D 790	-	kgf/cm ²	13,500 1,300
Flexural Strength	ASTM D 790	-	Mpa	360 40
Izod Impact Strength	ASTM D 256	23°C (Notched) -20°C (Notched)	kg.cm/cm kg.cm/cm	5 3
Hardness (Rockwell)	ASTM D 785	R-scale	-	100
<u>Thermal</u>				
Vicat softening Point	ASTM D 1525	1 kgf	°C °F	152 306
Heat Deflection Temperature	ASTM D 648	4.6 kgf/cm ²	°C °F	105 221

The data and information represented herein are intended as a general guide only and are not construed as specification limits. Since the actual processing conditions of our products may vary and are beyond our control, establishing satisfactory performance of the intended application is the customer's sole responsibility.