

SEETEC M1700

Application

Washing MachinePparts(Tub), Housewares

Feature

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. SEETEC M1700 meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact.

Properties

Physical	Method	Condition	Unit	Value
Melt Index	ASTM D1238	230 /2.16kg	g/10min	40
Density	ASTM D1505	-	g/	0.9

Mechanical	Method	Condition	Unit	Value
Tensile Strength at Yield	ASTM D638	50mm/min	kgf/ MPa psi	270 0 0
Elongation at Break	ASTM D638	50mm/min	%	50
Flexural Modulus	ASTM D790	-	kgf/ MPa psi	12500 0 0
IZOD Impact strength	ASTM D256	23	kg·cm/cm J/m ft·lb/in	5 49 0.9
Rockwell Hardness	ASTM D785	R-Scale	-	100

Thermal	Method	Condition	Unit	Value
Vicat Softening Point	ASTM D1525	1kgf		152
Heat Deflection Temperature	ASTM D648	4.6 /	C	105
			C	105
			F	221

1) The listed values should be used for referential purpose only.