HS152R

华盛聚合 HUASHENG POLY

General information

Characteristic	Low viscosity,Good demolding performance
Application	General use
Appearance	Clear/Transparent
Shape	Pellet
Processing method	Extrusion molding,Injection molding

Specification sheet

Physical property	Specification	Unit	Test method
Melt mass-flow rate(MFR)(300℃/1.2kg)	15±2	g/10min	GB/T 3682.1-2008
Density	1200	kg/m3	GB/T 1033.1-2008
Viscosity-average Molecular Weight(Mv)	23500	g/mol	GB/T 36214.2-2018
Physical property	**Specification**	**Unit**	**Test method**
Tensile strength (yield)	60	MPa	GB/T 1040.1-2018
Elongation(at break)	110	%	GB/T 1040.1-2018
Flexural strength	95	MPa	GB/T 9341-2008
Izod impact strength	62	kJ/m2	GB/T 1043.2-2018
Thermal property	**Specification**	**Unit**	**Test method**
Heat deflection temperature(1.8MPa)	123	℃	GB/T 1634.2-2019
Molding Shrinkage	0.6~0.8	%	GB/T 39818-2021
Vicat softening temperature	144	℃	GB/T 1633-2000
Glass transition temperature	147	℃	GB/T 19466.2-2004
Optical property	**Specification**	**Unit**	**Test method**
Transmittance(1mm)	89	%	GB/T 2410-2008
b(2mm)	0~0.5	-	GB/T 39822-2021
YI (2mm)	0~1	-	GB/T 39822-2021
Flammability	**Specification**	**Unit**	**Test method**
Limited Oxygen Index	27	%	GB/T 2406.1-2008
Flame retardant grade	V2	-	GB/T 2408-2021