SolutionPartner

LG Chem

BM662

Blow Molding

Description

- Blow Molding, Heat Resistance

Applications

- Automotives Exterior Housing(Spoiler, Bumper Guard Etc)

Properties	Method	Unit	BM662
Physical			
Specific Gravity , 23℃	ISO 1183		1.05
Mold Shrinkage , 23℃, 3.2mm , 23℃	ISO 294-4	%	0.4 ~ 0.7
Melt Volume Rate , 220℃, 10kg	ISO 1133	cm^3/10min	5
Mechanical			
Tensile Strength at Yield , 23℃, 50mm/min, 4mm	ISO 527	MPa	46
Tensile Elongation at Yield , 23℃, 50mm/min, 4mm	ISO 527	%, (Min)	5
Tensile Elongation at Break , 23℃, 50mm/min, 4mm	ISO 527	%, (Min)	10
Tensile Modulus , 23℃,1mm/min, 4mm	ISO 527	MPa	1950
Flexural Strength , 23℃, 2mm/min, 4mm	ISO 178	MPa	73
Flexural Modulus , 23℃, 2mm/min, 4mm	ISO 178	MPa	2050
Izod Impact Strength , Notched, 4mm, 23℃	ISO 180/1A	kJ/m^2	25
Izod Impact Strength , Notched, 4mm, -30℃	ISO 180/1A	kJ/m^2	9
Charpy Impact Strength , 4mm, 23℃	ISO 179/1eA	kJ/m^2	23
Charpy Impact Strength , 4mm, -30℃	ISO 179/1eA	kJ/m^2	8
Rockwell Hardness , R-Scale	ISO 2039		101
Thermal			
HDT , Flatwise, 1.8MPa, 4mm, Unannealed	ISO 75	℃	87
VICAT , 50N, 50℃/h	ISO 306	℃	104

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Note

Typical values can be used only for the purpose of selecting material, and there can be variation within normal tolerances for various colors.Values given should not be interpreted as specification and not be used for designing part or tool.All properties, except melt flow rate are measured by injection molded specimens after 48 hours storage at 23℃, 50% relative humidity.