ABSTRON | MIF 45

ASTM Property | BEPL



Resin Feature & Applications

General Purpose | General Moulded product

Resin Type

ABS

Property	Measuring Method	Condition	Unit	Value
Rheological				
Melt Flow Index	ASTM D 1238	at 220°C /10 kg	gm/10min	43
Mechanical				
Izod Impact Strength*, Notched	ASTM D-256	at 1/8" or 3.2mm and 23°C	Kgf.cm/cm	22
Izod Impact Strength*, Notched	ASTM D-256	at 1/4" or 6.4mm and 23°C	Kgf.cm/cm	18
Tensile Strength at Yield, Type I	ASTM D-638	50mm/min	Kgf/cm²	480
Flexural Strength*	ASTM D-790	5 mm/min	Kgf/cm²	630
Flexural Modulus*	ASTM D-790	5 mm/min	Kgf/cm²	22500
Rockwell Hardness*	ASTM D-785	23°C	R-Scale	108
Thermal				
Heat Distortion Temperature, (Method A)	ASTM D-648	at 18.56 Kgf/cm² (Annealed)	°C	93
Physical				
Specific Gravity	ASTM D 792	23°C	-	1.045
Other Properties				
Mould Shinkage**	ASTM D-995	-	%	0.4-0.6

Note:

- The values above are representative values of natural product and not to be used for mould designs.
- The values above are not to be construed as sales specifications and implies no legal binding effect.
- All properties except melt flow index are measured on injection moulded specimens.
- Properties marked* shall be reported, only if explicitly committed or contracted.
- Properties marked ** are values typical of ABS and are provided here solely for customer convenience.
- The values provided in this document may be changed due to quality improvement of the product without any prior notification.

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