ABSTRON | KU650M

ASTM Property | BEPL

Resin Feature & Applications	Super High Heat Resistant | Automotive Interior
Resin Type	ABS

Property	Measuring Method	Condition	Unit	Value
Rheological				
Melt Flow Index	ASTM D 1238	at 220°C /10 kg	gm/10min	6
Mechanical				
Izod Impact Strength*, Notched	ASTM D-256	at 1/8" or 3.2mm and 23°C	Kgf.cm/cm	18
Izod Impact Strength*, Notched	ASTM D-256	at 1/4" or 6.4mm and 23°C	Kgf.cm/cm	15
Tensile Strength at Yield, Type I	ASTM D-638	50mm/min	Kgf/cm^2	525
Flexural Strength*	ASTM D-790	5 mm/min	Kgf/cm^2	690
Flexural Modulus*	ASTM D-790	5 mm/min	Kgf/cm^2	23500
Rockwell Hardness*	ASTM D-785	23°C	R-Scale	110
Thermal				
Heat Distortion Temperature, (Method A)	ASTM D-648	at 18.56 Kgf/cm^2 (Annealed)	°C	110
Physical				
Specific Gravity	ASTM D 792	23°C	-	1.045
Other Properties				
Mould Shinkage**	ASTM D-995	-	%	0.3-0.5

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.

Date, when last updated: 02/12/2021