

ABS-10 Technical Datasheet

1) Product Description:

ABS N10 is an injection grade Acrylonitrile Butadiene Styrene copolymer suitable for electroplating.

2) Applications:

Electronic and Electrical parts, vacuum cleaner, washing machine cover and Refrigerator door cap & etc.

3) Typical data:

Property	Test method (ASTM)	Test condition	Unit	Typical value
Izod Impact	D- 256	6.4 mm , notched	KJ/m ²	30
Melt flow index	D-1238	220°c , 10 kg	gr/10 min	32
Rock well hardness	D-785	R-scale	105
HDT	D-648	1.82 m pa	°C	84
Vicat softening Temp	D-1525	5kg/50°c	°C	94
Tensile strength	D-638	23°c , 50 mm/min	Kg/cm ²	420
Tensile elongation	D-638	23°c , 50 mm/min	%	25
Flexural strength	D-790	23°c , 2.8 mm/min	Kg/cm ²	600
Flexural Modulus	D-790	23°c , 2.8 mm/min	Kg/cm ²	19500
Specific Gravity	D-792	23°c	..	1.04
Molding Shrinkage	D-955	...	%	0.4-0.7
Flammability	U194	1/8inch(3.2mm)	...	HB

* Typical values not to be construed as specifications.

