

# KP Plastics

## Technical Datasheet ABS-N80

### Product Description:

ABS N80 is a high flow medium impact injection grade Acrylonitrile Butadiene Styrene copolymer.

### Applications:

Auto parts, home appliances, office tools and machines.

### Typical data

Property	Test method	Test condition	Unit	value
Izod Impact	D- 256	6.4 mm -notched	KJ/m <sup>2</sup>	20
Melt flow index	D-1238	220 °c - 10 kg	Gr/10min	50
Rock well hardness	D-785	.....	R-scale	110
HDT	D-648	1.82 M pa	°C	85
Vicat softening Temp	D-1525	5kg/50°C	°C	95
Tensile strength	D-638	23°C , 2.8 mm/min	Kg/cm <sup>2</sup>	470
Tensile elongation	D-638	23°C , 2.8 mm/min	%	19
Flexural strength	D-790	23°C , 2.8 mm/min	Kg/cm <sup>2</sup>	670
Flexural Modulus	D-790	23°C , 2.8 mm/min	Kg/cm <sup>2</sup>	21000
Specific Gravity	D-792	23 °c	..	1.04
Molding Shrinkage	D-955	...	%	0.4-0.7
Flammability	U194	1/8inch(3.2mm)	...	HB