



ABS50

Classification: General purpose, Medium Impact Strength

Characteristic: Medium Impact Resistance, Medium Flow

Application: Electronic and Electrical parts, vacuum cleaner, washing machine cover, Refrigerator door cap

DRYING:

It is recommended that ABS Resins be dried at (80-85°C) for 3 hours.

PROPERTY	VALUE	UNIT	TEST METHOD
Izod impact (6.4 mm , notched)	23	Kj/m ²	D-256
Melt flow index (220°C , 10 kg)	35	gr/10 min	D-1238
Rock well hardness	109	R-scale	D-785
HDT (1.82 m pa)	85	°C	D-648
Vicat softening Temp (5kg/50°C)	95	°C	D-1525
Tensile strength (23°C , 50 mm/min)	455	Kg/cm ²	D-638
Tensile elongation (23°C , 50 mm/min)	20	%	D-638
Flexural strength (23°C , 2.8 mm/min)	650	Kg/cm ²	D-790
Flexural Modulus (23°C , 2.8 mm/min)	20000	Kg/cm ²	D-790
Specific Gravity (23°C)	1.04	D-792
Molding Shrinkage	0.4-0.7	%	D-955
Flammability (1/8inch(3.2mm))	HB	UI94

All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests.