



ABS40

Classification: General purpose and high impact strength

Characteristic: High Impact Resistance

Application: Automobile parts (radiator grill &etc.), Helmets, Toys, Suitcase, shoe heels, skis, Golf club heads, sports equipment

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)	32	Kj/m ²	D-256
Melt flow index (220°C , 10 kg)	25	gr/10 min	D-1238
Rock well hardness	98	R-scale	D-785
HDT (1.82 m pa)	82	°C	D-648
Vicat softening Temp (5kg/50°C)	92	°C	D-1525
Tensile strength (23°C , 50 mm/min)	400	Kg/cm ²	D-638
Tensile elongation (23°C , 50 mm/min)	30	%	D-638
Flexural strength (23°C , 2.8 mm/min)	580	Kg/cm ²	D-790
Flexural Modulus (23°C , 2.8 mm/min)	18000	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.