



PERSIAN GULF POLYMER

# Acrylonitrile – Butadiene – Styrene ABS-70

Better Decision for better Production.

LDPE	LLDPE	MDPE	HDPE	PP	PVC	GPPS	HIPS	EPS	PET	ABS	SBR	PBR	PC
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## A. Classification:

Extrusion, Injection

## B. Characteristic:

Super High Impact Resistance, Automobile parts (radiator grill &etc.), Helmets, Toys, Suitcase, Profiles  
Released extruded product, Bobbin sleeve, Boats, pipe, bath tubs & etc.

## C. DRYING:

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

## PRODUCT DATA SHEET:

PROPERTY	ABS-70 specification	UNIT	TEST METHOD
Izod impact (6.4 mm , notched)	26	Kj/m <sup>2</sup>	D-256
Melt flow index ( 220°C , 10 kg)	14	gr/10 min	D-1238
Rock well hardness	113	R-scale	D-785
HDT ( 1.82 m pa)	90	°C	D-648
Vicat softening Temp (5kg/50°C)	100	°C	D-1525
Tensile strength (23°C , 50 mm/min)	470	Kg/cm <sup>2</sup>	D-638
Tensile elongation ( 23°C , 50 mm/min)	25	%	D-638
Flexural strength ( 23°C , 2.8 mm/min)	670	Kg/cm <sup>2</sup>	D-790
Flexural Modulus ( 23°C , 2.8 mm/min)	22000	Kg/cm <sup>2</sup>	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

## D. Typical properties:

These are not to be construed as specifications.

