



PERSIAN GULF POLYMER

Acrylonitrile – Butadiene – Styrene ABS-75 SW

Better Decision for better Production.

LDPE | LLDPE | MDPE | HDPE | PP | PVC | GPPS | HIPS | EPS | PET | **ABS** | SBR | PBR | PC

A. Product Description:

General purpose, Sheet, Extrusion grade

B. DRYING:

It is recommended that ABS Resins be dried at (80-85°C) for 3 hours. Extruder with one-stage or two-stage venting are recommended for extrusion of sheet compression

C. Features:

- Sheet Grade, Extrusion grade, High rigidity & high impact strength

Typical Applications:

- Refrigerator interior container and door liner (cyclopentane Blowing agent use) and etc.

PRODUCT DATA SHEET:

PROPERTY	ABS-75 specification	UNIT	TEST METHOD
Izod impact (6.4 mm , notched)	Min 33	Kj/m ²	D-256
Melt flow index (220°C , 10 kg)	4-10	gr/10 min	D-1238
Rock well hardness	95-110	R-scale	D-785
HDT (1.82 m pa)	Min 85	°C	D-648
Vicat softening Temp (5kg/50°C)	Min 94	°C	D-1525
Tensile strength (23°C , 50 mm/min)	Min 440	Kg/cm ²	D-638
Tensile elongation (23°C , 50 mm/min)	Min 25	%	D-638
Flexural strength (23°C , 2.8 mm/min)	Min 640	Kg/cm ²	D-790
Flexural Modulus (23°C , 2.8 mm/min)	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

D. Typical properties:

These are not to be construed as specifications.

