

**PETROPLAST
JALILVAND.CO**



**петропдосте жалилванд
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

TECHNICAL SPECIFICATION

Acrylonitrile Butadiene Styrene

| | |
|--------------------|----------------------------------------------------------------------------------------------------------------------|
| <i>Grade</i> | HFA70 |
| <i>Properties</i> | Flame retardant, Medium impact strength. |
| <i>Application</i> | Electrical and electronic parts, TV, VTR, Printer, Facsimile, Computer, Monitor, Requiring flame retardant property. |

| Typical Properties | Test Method | Test Condition | Unit | Value | Spec. |
|-----------------------|-------------|-----------------|--------------------|---------|-----------|
| Izod Impact | ASTM D 256 | 6.4mm, Notch | kJ/m ² | 21 | Min 18 |
| MFI | ASTM D 1238 | 220°C, 10kg | gr/10min | 50 | 40-50 |
| Rockwell Hardness | ASTM D 785 | - | R Scale | 112 | 95-115 |
| HDT | ASTM D 648 | 1.82MPa | °C | 84 | Min 82 |
| Vicat Softening Temp. | ASTM D 1525 | 5kg/50 °C | °C | 94 | Min 93 |
| Tensile Strength | ASTM D 638 | 23°C, 50mm/min | kg/cm ² | 440 | Min 420 |
| Tensile Elongation | ASTM D 638 | 23°C, 50mm/min | % | 30 | Min 18 |
| Flexural Strength | ASTM D 790 | 23°C, 2.8mm/min | kg/cm ² | 650 | Min 630 |
| Flexural Modulus | ASTM D 790 | 23°C, 2.8mm/min | kg/cm ² | 20000 | Min 18000 |
| Specific Gravity | ASTM D 792 | 23°C | - | 1.16 | 1.16 |
| Molding Shrinkage | ASTM D 955 | - | % | 0.4-0.7 | 0.4-0.7 |
| Flamability | UI94 | 1/8inch (3.2mm) | - | V-0 | V-0 |

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