



ABS/FR Compound

ADVANTAGE

- low fume
- High speed flame extinguishing
- Increased resistance to inflammation



APPLICATION

- Automotive industry
- Homeware
- Electrical parts
- Construction industry



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VIRA ABS-FR-407

Acrylonitrile Butadiene Styrene Copolymer 407 is flame retardant compound with satisfactory properties such as impact and chemical resistance, good processability and thermal properties. its easily injection molded, extruded and thermoformed. Final products have excellent dimensional stability and glossy surface. They can also have excellent secondary process such as electro plating, painting and so on. It is suitable for producing home appliances, automobile parts, electric industry parts, medical equipment etc.

Property	Typical Value	Test Method
Melt Flow Rate (200 °C/5 kg)	1.6g/10min	ASTM D1238
Density	1.08 g/cm ³	ASTM D792
Tensile Strength at Yield(50mm/min)	41.89 MPa	ASTM D638
Tensile Elongation at Yield(50mm/min)	4.17 %	
Tensile Strength at Break(50mm/min)	35.04 MPa	
Tensile Elongation at Break(50mm/min)	14.33 %	
Flexural Module(13mm/min)	2662.65 MPa	ASTM D790
Flexural Strength (13mm/min at 5% elongation)	80.27 MPa	
Izod Impact Strength, notched	18.91 kJ/m ²	ASTM D256
HB	pass	ASTM D5630



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