

TYNAB® HM42

Acrylonitrile Butadiene Styrene

Tyne Plastics LLC.

Message:

TYNAB® HM42 is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in North America.

Important attributes of TYNAB® HM42 are:

- Flame Rated
- Heat Resistant
- Impact Resistant

General Information			
Features	High Heat Resistance		
	Medium Impact Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.60 to 0.80	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	42.7	MPa	ASTM D638
Flexural Modulus	2210	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	220	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	97.8	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.59 mm	HB		
3.18 mm	HB		

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Recommended distributors for this material

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