

TYNE® ABS CBH 47

Acrylonitrile Butadiene Styrene

Tyne Plastics LLC.

Message:

Data was measured on natural colored test specimens.

General Information			
Features	Good Colorability		
	High Flow		
	Medium Impact Resistance		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	35	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60 to 0.80	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	102		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	45.5	MPa	ASTM D638
Tensile Elongation (Yield)	2.1	%	ASTM D638
Flexural Modulus	2480	MPa	ASTM D790
Flexural Strength	72.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	250	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Annealed	98.9	°C	
1.8 MPa, Annealed	96.1	°C	
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	HB		UL 94

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Recommended distributors for this material

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