

Jamplast Ex-04 ABS

Acrylonitrile Butadiene Styrene

Jamplast, Inc.

Message:

Jamplast Ex-04 ABS is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in North America for extrusion or thermoforming.

Important attributes of Jamplast Ex-04 ABS are:

Flame Rated

Impact Resistant

Rigid

General Information	
Features	Good Impact Resistance
	Medium Gloss
	Medium Rigidity
Appearance	Natural Color
	White
Forms	Pellets
Processing Method	Extrusion
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	2.4	g/10 min	
Molding Shrinkage - Flow	0.55	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	102		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2340	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	43.4	MPa	
Break	35.2	MPa	
Tensile Elongation (Yield)	2.6	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
--	4.0	kJ/m ²	
-- ¹	12	kJ/m ²	
Charpy Unnotched Impact Strength ²	No Break		ISO 179
Notched Izod Impact	430	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (1.8 MPa, Annealed)	98.9	°C	ASTM D648
Vicat Softening Temperature	108	°C	
CLTE - Flow (20°C)	7.1E-5	cm/cm/°C	ISO 11359-2
Flammability	Nominal Value		Test Method
Flame Rating (1.47 mm)	HB		UL 94
NOTE			
1.	at Low Temperature		
2.	at Low Temperature		

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Recommended distributors for this material

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