

# Acrylloy 7

Acrylic  
Spartech Plastics

Message:

An economy grade of impact modified acrylic, Acrylloy 7 exhibits good impact strength, high stiffness, outstanding clarity and excellent fabrication properties. Well suited for sign, glazing, automotive aftermarket, and display applications.

General Information			
Additive	Impact Modifier		
Features	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	High Clarity		
	Impact Modified		
Uses	Automotive Applications		
	Decorative Displays		
	Displays		
	Glazing		
Appearance	Clear/Transparent		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2620	MPa	ASTM D638
Tensile Strength (Yield)	48.3	MPa	ASTM D638
Flexural Modulus	2620	MPa	ASTM D790
Flexural Strength	99.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Gardner Impact (23°C)	8.13	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 4.57 mm)	85.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Optical	Nominal Value		Test Method
Gardner Gloss	90		ASTM D523

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Recommended distributors for this material

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