

Dynacom TW-20

Acrylonitrile Styrene Acrylate

Dynachem Co. Ltd.

Message:

Dynacom TW-20 is an Acrylonitrile Styrene Acrylate (ASA) material. It is available in Asia Pacific.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	0.30	g/10 min	ASTM D1238
Molding Shrinkage - Flow ¹	0.30 to 0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	108		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ²	43.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	20	%	ASTM D638
Flexural Modulus ⁴	2000	MPa	ASTM D790
Flexural Strength ⁵	66.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	97.0	°C	ASTM D648
Vicat Softening Temperature	111	°C	ASTM D1525 ⁶
NOTE			
1.	Thickness: 2 to 3 mm		
2.	5.0 mm/min		
3.	5.0 mm/min		
4.	3.0 mm/min		
5.	3.0 mm/min		
6.	Loading 1 (10 N)		

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Recommended distributors for this material

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