

ACRYLITE® Hi-Gloss NTA-3

PMMA

Evonik CYRO LLC

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	2	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	3.8	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2900	MPa	ISO 527
Stress at break	60	MPa	ISO 527
Strain at break	2.6	%	ISO 527
Charpy impact strength, +23°C	16	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Glass transition temperature, 10°C/min	126	°C	ISO 11357-1/-2
Temp. of deflection under load, 1.80 MPa	106	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	106	°C	ISO 75-1/-2
Vicat softening temperature, B	116	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Other properties			
Water absorption	3	%	Sim. to ISO 62
Density	1180	kg/m ³	ISO 1183

Characteristics**Regional Availability**

North America