ACRYMID® TT50

Polymethyl Methacrylimide Acrylic

Evonik Cyro LLC

Message:

ACRYMID® TT50 is a highly heat distortion-resistant poly(n-methyl methacrylimide) (PMMI). Besides showing the properties common to all ACRYMID® molding compounds, such as high heat deflection temperature under load, excellent transmission and clarity, very high strength and rigidity, as well as good weather resistance. ACRYMID® TT50 is special in that it is listed by AMECA. Application: ACRYMID® molding compound is particularly suitable for injection molding of items meant for applications that involve high heat loads.

Test Method
ISO 1183
ISO 1133
Test Method
ISO 527-2/1
ISO 527-2/5
ISO 527-2/5
Test Method
ISO 179/1eU
Test Method
ISO 75-2/B
ISO 75-2/A
IEC 1006

Vicat Softening Temperature	150	°C	ISO 306/B50
CLTE - Flow (0 to 50°C)	5.3E-5	cm/cm/°C	ISO 11359-2
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	НВ		UL 94
Fire Rating	B2		DIN 4102
Optical	Nominal Value	Unit	Test Method
Refractive Index	1.530		ISO 489
Transmittance	91.0	%	ISO 13468-2
Injection	Nominal Value	Unit	
Drying Temperature	< 130	°C	
Drying Time	2.0 to 3.0	hr	
Processing (Melt) Temp	250 to 280	°C	
Mold Temperature	110	°C	

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