

AKROMID® T5 GF 50 natural (7834)

PPA-GF50

Akro-Plastic GmbH

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	18500 / 18500	MPa	ISO 527
Stress at break	275 / 275	MPa	ISO 527
Strain at break	2.1 / 2.1	%	ISO 527
Charpy impact strength, +23°C	95 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	14 / -	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	325 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	280 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	235 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-

Other properties	dry / cond	Unit	Test Standard
Density	1650 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	340	°C	-
Mold temperature	130	°C	-
Injection pressure	75	MPa	-

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Special Characteristics

Heat stabilized or stable to heat

Chemical Resistance

General Chemical Resistance

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe, Asia Pacific