

**AKROMID® B3 K1 FR natural (8045)**

PA6-GF25

Akro-Plastic GmbH

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.3 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	9500 / 5900	MPa	ISO 527
Stress at break	139 / 95	MPa	ISO 527
Strain at break	3.2 / 6.5	%	ISO 527
Charpy impact strength, +23°C	66 / -	kJ/m <sup>2</sup>	ISO 179/1eU

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
Burning behav. at 1.5 mm nom. thickn.	V-0 / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
Burning behav. at thickness h	V-1 / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-
Oxygen index	28 / *	%	ISO 4589-1/-2

Other properties	dry / cond	Unit	Test Standard
Density	1390 / -	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	270	°C	-
Mold temperature	80	°C	-
Injection pressure	75	MPa	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Natural Color

**Special Characteristics**

Flame retardant, Halogen-free

**Certifications**

RoHS compliant

**Regional Availability**

Europe, Asia Pacific