

**AKROMID® S3 8 natural (7385)**

PA610

Akro-Plastic GmbH

<b>Processing/Physical Characteristics</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	1.6 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.8 / *	%	ISO 294-4, 2577

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	2400 / 1200	MPa	ISO 527
Yield stress	70 / 50	MPa	ISO 527
Charpy impact strength, +23°C	N / N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	4 / 12	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	55 / *	°C	ISO 75-1/-2

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Density	1080 / -	kg/m <sup>3</sup>	ISO 1183

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

**Characteristics****Processing**

Injection Molding

**Delivery form**

Natural Color

**Features**

Color Stability

**Chemical Resistance**

General Chemical Resistance

**Certifications**

Contains renewable resources, Food contact, Food approval 10/2011, Food approval FDA 21 CFR

**Regional Availability**

Europe, Asia Pacific