

DAIAMID® A1709P

PA12

Daicel-Evonik Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	19	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	46	MPa	ISO 527
Yield strain	10	%	ISO 527
Stress at break	50	MPa	ISO 527
Strain at break	>50	%	ISO 527
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	178	°C	ISO 11357-1/-3
Other properties			
Humidity absorption	0.9	%	Sim. to ISO 62
Density	1010	kg/m ³	ISO 1183

Characteristics**Delivery form**

Natural Color

Regional Availability

North America, Europe, Asia Pacific, South and Central America

Chemical Resistance

General Chemical Resistance, Environmental Stress Crack Resistance, Hydrolytically Stable