Property Data

Envalior
Imagine the Future

Pocan® B1200 S800

Arnite® T04 200

PBT

Low Viscosity

Print Date: 2026–05–14

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES	**VALUE**		
Melt volume–flow rate (MVR)	75	cm³/10min	ISO 1133
Temperature	250	°C	ISO 1133
Load	2.16	kg	ISO 1133
MECHANICAL PROPERTIES	**VALUE**		
Tensile modulus	2700	MPa	ISO 527–1/–2
Stress at break	50	MPa	ISO 527–1/–2
Strain at break	10	%	ISO 527–1/–2
Charpy impact strength (+23°C)	95	kJ/m²	ISO 179/1eU
Charpy notched impact strength (+23°C)	2.1	kJ/m²	ISO 179/1eA
THERMAL PROPERTIES	**VALUE**		
Melting temperature (10°C/min)	225	°C	ISO 11357–1/–3
OTHER PROPERTIES	**VALUE**		
Water absorption	0.45	%	Sim. to ISO 62
Humidity absorption	0.18	%	Sim. to ISO 62
Density	1300	kg/m³	ISO 1183

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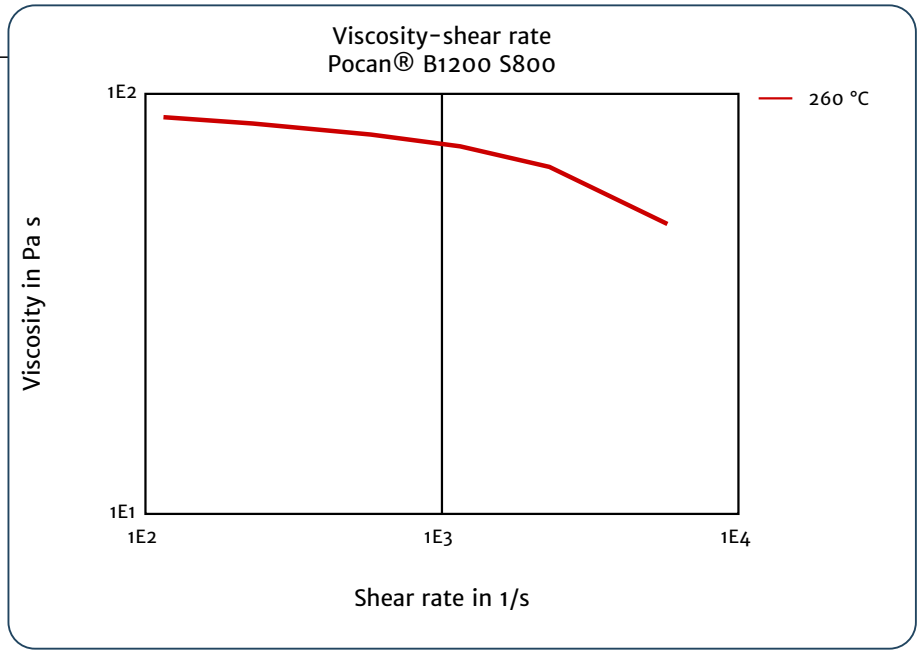
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Viscosity–shear rate



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