

ECOTRAN® J200

PPS

HDC Polyall

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	50	MPa	ISO 527
Strain at Break	1	%	ISO 527
Impact Strength (Charpy), +23°C	15	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	2	kJ/m ²	ISO 179/1eA
Flexural Modulus (23°C)	3700	MPa	ISO 178
Flexural strength	95	MPa	ISO 178
Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	280	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	110	°C	ISO 75-1/-2
Other Properties	Value	Unit	Test Standard
ISO Data			
Water Absorption	0.02	%	Sim. to ISO 62
Density	1350	kg/m ³	ISO 1183