

ECOTRAN® E4030A

(PPS+PTFE)-GF30

HDC Polyall

Rheological properties	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	160	MPa	ISO 527
Strain at Break	1.6	%	ISO 527
Impact Strength (Charpy), +23°C	35	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	8.5	kJ/m ²	ISO 179/1eA
Flexural Modulus (23°C)	12500	MPa	ISO 178
Flexural strength	235	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)	260	°C	ISO 75-1/-2

Other Properties	Value	Unit	Test Standard
ISO Data			
Water Absorption	0.02	%	Sim. to ISO 62
Density	1640	kg/m ³	ISO 1183

Film Properties	Value	Unit	Test Standard
ISO Data			
Dynamic Coefficient of Friction	0.2	-	ISO 8295

Characteristics

Additives

Lubricants

Features

Tribologic Grade