

KEBAFLEX / P D 40.3

(TPC-ET)

Barlog plastics GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Charpy notched impact strength, +23°C	100	kJ/m ²	ISO 179/1eA
Stress at break TPE	25	MPa	ISO 527
Strain at break TPE	600	%	ISO 527
Shore D hardness	40	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	170	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	65	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1150	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.04	%	-
Melt temperature	190 - 220	°C	-
Mold temperature	40 - 60	°C	-

Characteristics**Processing**

Injection Molding

Applications

Automotive

Features

Tribologic Grade

Regional Availability

Europe