

Piolen® P T40A37

PP-T40

PiO Kunststoffe GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	15	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	26	MPa	ISO 527
Stress at break	23	MPa	ISO 527
Strain at break	18	%	ISO 527
Flexural modulus, 23°C	3200	MPa	ISO 178
Charpy impact strength, +23°C	13.4	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3.9	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Vicat softening temperature, A	149	°C	ISO 306
Vicat softening temperature, B	80	°C	ISO 306
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Other properties			
Density	1250	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Applications

Automotive

Delivery form

Natural Color

Regional Availability

Europe

Features

Copolymer