

POLYPROPYLENE PPH

Polypropylene is a thermoplastic with good rigidity and hardness of body. It has good resistance to impact and abrasion. Withstands temperatures from -10 ° C to 100 ° C without problems.

It is recommended for general industrial facilities as well as all kinds of parts for industry. It has a high chemical resistance. RAL 7032 and black colors.

FEATURES	METHOD	UNIT	VALUE
DENSITY	DIN 53479	g/cm ³	0,91
MOISTURE ABSORPTION	50%VHR 100% MR	%	0,8
MELTING POINT	ASTM D 789	°C	164
THERMAL CONDUCT.	DIN 52612	W/Km	0,22
COEFF. THERMAL EXPANSION 20 to 50 °C		m/m K 150 10 ⁻⁶	
MAX. TEMPERATURE USE	REGULAR WITH TIPS	°C	100 140
MIN. TEMPERATURE USE		°C	-10
TENSILE STRENGTH	DIN 53455	N/m/m ²	33
ELASTIC MODULUS	DIN 53457	N/m/m ²	1.300
COEFFICIENT OF FRICTION			0,4
IMPACT RESISTANCE	DIN53453	Kj/m ²	10
BREAKING EXTENSION	DIN 53455	%	650
DIELECTRIC STRENGTH	DIN 53481	Kv/mm	80
TRANSVERSE STIFFNESS	DIN 53482	Ohm/cm	1.10 18
SURFACE RESISTANCE	DIN 53482	Ohm	5.10 13