

## DATASHEET – PET

### ERTALYTE®, SUSTADUR®, ZELLAMID®, HOSTADUR®

#### KEY POINTS

- Good wear resistance
- High creep resistance
- High surface strength

#### PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUE	UNIT
Tensile strength (23°C)	ISO 527-1/-2	90	MPa
Elongation at break	ISO 527-1/-2	15-20	%
Hardness – Shore D	ISO 868	84	Scale D
Hardness – Rockwell M	ISO 2039-2	170	MPa
Impact strength, notched izod	ISO 179-1/1eA	2	kJ/m <sup>2</sup>
Melt temp	ISO 11357-1/-3	250	°C
Service temp. range	/	-20 up to 100	°C
Specific density	D 792	1.4	g/cm <sup>3</sup>
Water absorption (24hr)	D 570	0.1	%

#### APPLICATIONS

- Bushings
- Bearings
- Gears wheels
- Frame components
- Wet and dry environments
- ...



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The data above are provided purely for information and are presented as a guide to choose from our range of materials. These values are within the normal tolerance range of product properties and do not represent guaranteed property values. The actual values of the properties of a particular product may differ from the indicated values. Since the properties also depend on the dimension of the finished product.

**PRECISION MACHINED  
COMPONENTS**

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