



Engineering Plastic Technology Technical Data Sheet

Product description

Material name, long description	Polyurethanes D44
Material name, short description	PUR D44
Material Code	PUR D44 70.023-00

Mechanical characteristics	
Abrasion	Test value: 33 mm³ Test norm: ISO 4649
Hardness	Test value: 70 Shore A Test norm: ISO 868
Elongation at break	Test value: 881 % Test norm: ISO 37
Yield strength at 20% strain offset	Test value: 1.6 MPa Test norm: ISO 37
Yield strength at 300% strain offset	Test value: 7.7 MPa Test norm: ISO 37
Tear propagation resistance	Test value: 28.8 kN/m Test norm: ISO 34 Test parameter: Graves
Tensile tear strength	Test value: 36 MPa Test norm: ISO 37

This information is based on our available data. These values are within the normal tolerance range of material properties and do not represent guaranteed property values. Therefore they shall not be used for specification purposes. The customer is solely responsible for quality and suitability of material for his application. He has to test usage and processing prior to use. Angst+Pfister makes no guarantees for the suitability of the material for any given application and assumes no obligation or liability in connection with the information provided above.

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