



*Wir gießen
Ihre Ideen
in Form*

We cast your ideas



Kunststofftechnik PUR

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Product information

Characteristic values

Easy Pren FPH

Property	Test specification	Unit	Easy Pren FPH	
Hardness, Shore A/D	ISO 868	Shore A	30	45
		Shore D		
Tensile strength	ISO 37	N/mm ²	3	6
Elongation	ISO 37	%	1000	760
Tear strength (with nick)	DIN 53515	N/mm	4	5
Abrasion loss	DIN 53516	mm ³	400	340
Resilience	ISO 4662	%	50	44
Compression set 72h/23°C 24h/70°C	DIN 53517	%		
Specific gravity		g/cm ³	1,28	1,28

In this technical datasheet approximate values are indicated. These values are influenceable by processing conditions, modifications, material additives and environmental influences and do not free the user from own examinations and attempts. The values are arranged due to the present experiences and knowledge. A legally obligatory warranty of certain characteristics or the suitability for a concrete targeted application cannot be derived from these data.

Please contact us for further information! www.asmapur.polyurethane.at/Materials
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Charakteristics

Easy Pren FPH

Chemical base	Polyester based polyurethane with additives
Characteristic	Particularly developed cast polyurethane system for coating rollers with most possible stability against a multiplicity of solvents.
Operational area	Roll painting of wood, glass and plastic surfaces with UV curing lacquer systems. Special applications in machine- and equipment construction.
Specific advantages	Excellent homogeneity of the roller surface, excellent rebound and elasticity, very good grind ability and lowest possible swelling rate in a multiplicity of solvents.
Special resistance	Very good stability, lowest and reversible swelling in solvents like: Tetrahydrofuran (THF) n-Methyl-2-pyrrolidone (NMP) Methoxypropylacetate (MPA) Methoxypropanol (MPO) Methylethylketon (MEK) Ethanol Acetone Toluene Ethylacetate, Butylacetate Trimethylbenzol Benzophenone Dipropylenglykolmethylether (DPM) as well as lacquer polymers and radiation hardeners in UV lacquers. For special applications and higher concentrations contact our technical staff regarding resistance!
Working temperature	Long-term use 10°C up to 60°C (dry), short-term use up to 80°C (dry), in contact with hydrocarbon solvents and alcohols depending on chemicals.
Hardness	30 and 45° Shore A
Colors	nature (white), special colors on request
Alternatives	
Remarks	