

# Desmopan® DP 3392A

Thermoplastic Polyurethane Elastomer (Polyester)

Covestro - PUR

## Message:

Extrusion- and injection molding grade; hydrolysis-stabilised; with high mechanical strength for articles subject to wear; free from plasticizers; low abrasion; good wear resistance; extrusion; injection molding; opaque to translucent; Cylindrical pellets; toothed belts.

General Information			
UL YellowCard	E465093-101727503		
Features	Good Abrasion Resistance		
	Good Wear Resistance		
	High Strength		
	Hydrolytically Stable		
Uses	Belts/Belt Repair		
Appearance	Opaque		
	Translucent		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.21	g/cm <sup>3</sup>	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 23°C)	93		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Abrasion Resistance (23°C)	16.0	mm <sup>3</sup>	ISO 4649-A
Impact Resilience (23°C)	38	%	ISO 4662
Elastomers	Nominal Value	Unit	Test Method
Tear Strength <sup>1</sup> (23°C)	88	kN/m	ISO 34-1
Compression Set			ISO 815
23°C, 72 hr	23	%	
70°C, 24 hr	44	%	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	220 to 240	°C	
Mold Temperature	20.0 to 40.0	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	200 to 220	°C	
NOTE			

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

