

Baytec® ME-230 (74A)

Polyurethane (Polyether, MDI)

Covestro - PUR

Message:

Baytec ME-230 is a modified diphenylmethane diisocyanate (MDI)-terminated polyether prepolymer based on polytetramethylene ether glycol (PTMEG).

General Information			
Forms	Liquid		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	74		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance (1000 Cycles)	14.0	mg	ASTM D3489
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% strain	2.83	MPa	ASTM D412
200% strain	4.00	MPa	ASTM D412
300% strain	5.72	MPa	ASTM D412
Tensile Strength (Break)	21.2	MPa	ASTM D412
Tensile Elongation (Break)	530	%	ASTM D412
Tear Strength			
-- ¹	66.5	kN/m	ASTM D624
Cracking	19	kN/m	ASTM D1938
Compression Set (70°C, 22 hr)	19	%	ASTM D395B
Bayshore Resilience	68	%	ASTM D2632
Thermoset	Nominal Value		
Thermoset Components			
Part C ²	Mixing ratio by weight: 5.0		
Component a ³	Mixing ratio by weight: 40		
Component B ⁴	Mixing ratio by weight: 95		
Additional Information			
Appearance: Colorless to pale yellow liquidNCO: 22.7 to 23.3 wt%Viscosity at 25°C: 300 mPa-sSpecific Gravity at 25°C: 1.14Flash Point, PMCC: >93°C Density at 25°C: 9.5 lb/galMelt Point: 5 to 10°C			
NOTE			
1.	C mould		
2.	1,4 Butone Diol		
3.	Isocyanate		
4.	Polyol		

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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



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