

Baytec® ME-230 (97A/55D)

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			ASTM D2240
Shaw A	97		ASTM D2240
Shaw D	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance (1000 Cycles)	34.0	mg	ASTM D3489
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% strain	11.4	MPa	ASTM D412
200% strain	14.3	MPa	ASTM D412
300% strain	18.3	MPa	ASTM D412
Tensile Strength (Break)	28.8	MPa	ASTM D412
Tensile Elongation (Break)	470	%	ASTM D412
Tear Strength			
-- ¹	99.8	kN/m	ASTM D624
Cracking	53	kN/m	ASTM D1938
Compression Set (70°C, 22 hr)	25	%	ASTM D395B
Bayshore Resilience	65	%	ASTM D2632
Thermoset	Nominal Value		
Thermoset Components			
Part C ²	Mixing ratio by weight: 20		
Component a ³	Mixing ratio by weight: 100		
Component B ⁴	Mixing ratio by weight: 80		
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°CDensity 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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