

Baytec® SPR-186A

Polyurethane (Polyether, MDI)

Covestro - PUR

Message:

Baytec SPR-186A is a two-component 100%-solids spray system with a Shore A hardness of 86. The isocyanate component is a modified diphenylmethane diisocyanate (MDI) quasi-prepolymer and the polyol component is a polyether blend. The system can be pigmented to most any color. As with any product, use of the Baytec SPR-186A in a given application must be tested (including field testing, etc.) in advance by the user to determine suitability.

General Information			
Forms	Liquid		
Processing Method	Sprayable		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	86		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance (1000 Cycles, 1000 g, H-18 Wheel)	405	mg	ASTM D1044
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	11.6	MPa	ASTM D412
Tensile Elongation (Break)	120	%	ASTM D412
Tear Strength (Split)	11	kN/m	ASTM D1938
Thermoset	Nominal Value		
Thermoset Components			
Component a	Mixing ratio by weight: 65, mixing ratio by capacity: 60		
Component B	Mixing ratio by weight: 100, mixing ratio by capacity: 100		
Additional Information			

Part A
Type: Isocyanate
Appearance: Clear amber liquid
Specific Gravity @ 25°C: 1.1
Viscosity @25°C: 1800 mPa
Flash Point, PMCC: 210°C
NCO: 12 wt%
Part B
Type: Polyol
Appearance: Off white liquid
Specific Gravity @ 25°C: 1.04
Viscosity @25°C: 1800 mPa-s
Flash Point, PMCC: 201°C
Hydroxyl Number: 103 mg KOH/g
Processing Temperature: 20 to 70°C
Gel Time: 10 to 15 sec
Tack-Free: 1 min

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



WECHAT