



2K-PU joint sealant with polybutadiene polyol 32/43 Shore A

Polyol polybutadiene
Isocyanate modified diisocyanate-di-phenylmethane

		V 44416.0	
Guide Formulation PBD 103/01 of Atofina (now Sartomer)		[1]	[2]
Component A	Poly bd R45HTLO (1)	100.00	100.00
	Santicizer 160 (2)	75.00	75.00
	SILLITIN Z 86 (3)	100.00	200.00
	Dabco T-12N (4)	0.02	0.02
Component B	Suprasec 2020 (5)	12.20	12.20
	Total parts by weight	287.22	387.22

NCO/OH ratio = 1.05

Recommendation For better dispersibility and mechanical properties SILLITIN Z 86 PURISS is recommended.

Technical Data Viscosity, 23°C mPas 8200 82500

The sheets were cured for 24 h at 23°C in open molds and post cured for 24 h at 80°C

Hardness	DIN ISO 7619-1	Shore A	32	43
Tensile strength	DIN 53504	MPa	2.03	2.22
Modulus 100 %	DIN 53504	MPa	0.83	1.35
Elongation at break	DIN 53504	%	340	220
Tear resistance	ASTM D 624, DIE C	N/mm	8.90	7.74

Suppliers

- (1) Sartomer
- (2) Vibrantz Technologies
- (3) HOFFMANN MINERAL
- (4) Evonik Industries
- (5) Huntsman

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