



**2K-PU coating with polybutadiene polyol  
elastic, with high resilience  
50/80/90 Shore A**

**Polyol** polybutadiene  
**Isocyanate** modified diisocyanate-di-phenylmethane

Guide Formulations of Atofina (now Sartomer)		2161	2151	2119
<b>Component A</b>	Poly bd R45HTLO (1)	100.00	100.00	100.00
	Novares LA 700 (2)	7.00	---	25.00
	Dipropylene glycol	---	12.00	---
	2-ethylhexane-1,3-diol	---	---	20.00
	Phenoxypropanol (3)	5.00	3.00	---
	Naftolen ND (4)	20.00	---	---
	UOP T-powder (5)	3.00	3.00	---
	UOP L-powder (5)	---	---	3.00
	SILLITIN Z 86 (6)	39.00	35.00	73.00
	Irganox 1035 (7)	0.55	0.55	0.60
	Weston TNPP (8)	0.40	0.40	0.40
	Tinuvin 328 (7)	0.50	0.50	0.50
	Antifoam agent	1.00	1.50	---
	No Air flüssig (9)	---	---	1.80
	Baerolub L-CD (9)	---	---	0.20
	Titanium dioxide (rutile)	2.60	3.00	3.20
	Carbon black / Carbon black paste	0.80	1.00	0.25
	Dabco DC-1 (10)	0.15	0.05	0.05
	Total parts by weight		180.00	160.00
<b>Component B</b>	Isonate 143 L (11)	30.00	40.00	57.00
	Mixing ratio A : B	6 : 1	4 : 1	4 : 1

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



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<b>Technical Data</b>	Hardness	Shore A	52	78	92
	Tensile strength	MPa	4.2	7.1	9.2
	Modulus 100 %	MPa	1.0	3.9	7.6
	Elongation at break	%	680	470	190

<b>Suppliers</b>	(1)	Sartomer
	(2)	Rain Carbon
	(3)	Lanxess
	(4)	Kewo Chemical Trading
	(5)	UOP
	(6)	HOFFMANN MINERAL
	(7)	BASF
	(8)	Chemtura
	(9)	Baerlocher
	(10)	Evonik Industries
	(11)	Dow Chemical Company

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