

Range Chart

TI/ES 1413 us
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Page 1 of 3

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® = Registered trademark of
BASF Aktiengesellschaft

Oppanol® B types

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Properties

Name	Product properties				Areas of application					
	Consistency	Viscosity of solutions in isooctane at 20 °C		Viscosity 150 °C Brook-field	Volatile matter (105 °C, 2 h)	Relative molar mass		Stabilizer content	Ash content	
	Concentration	Staudinger Index (Jo)		mPa·s		Weight average M_w (GPC)	Viscosity average M_v	ppm BHT	ppm	
	g/cm ³	cm ³ /g	cm ³ /g		wt. %	g/mole	g/mole			
Oppanol® B										
10 SFN	0.01	27.5–31.2	27.5–31.2	40 000	0.03	36 000	40 000	< 1	< 50	Sealants, adhesives, chewing gum, lubricants, upgrading waxes and bitumen
11 SFN	0.01	32.5–36.0	32.5–36.0	100 000	0.03	46 000	49 000	< 1	< 50	
12 SFN	0.01	34.5–39.0	34.5–39.0	150 000	0.03	51 000	55 000	< 1	< 50	
13 SFN	0.01	39.0–43.0	39.0–43.0	250 000	0.03	60 000	65 000	< 1	< 50	
14 SFN	0.01	42.5–46.4	42.5–46.4	450 000	0.03	65 000	73 000	< 1	< 50	
15 SFN	0.01	45.9–51.6	45.9–51.6	700 000	0.02	75 000	85 000	< 1	< 50	
30 SF	0.005	76.5–93.5	76.5–93.5	8 000 000	0.03	200 000	200 000	< 1	< 100	Chewing gum
50 SF	0.002	113–143	113–143	–	0.02	340 000	400 000	< 1	< 100	Chewing gum
80	0.002	178–236	178–236	–	0.015	750 000	800 000	250–500	< 100	Sealants, adhesives, anti-misting
100	0.002	241–294	241–294	–	0.01	1 100 000	1 110 000	250–500	< 100	
150	0.001	416–479	416–479	–	0.01	2 500 000	2 600 000	250–500	< 100	
200	0.001	551–661	551–661	–	0.01	4 100 000	4 000 000	250–500	< 100	

1) Viscosity-average molar mass $\bar{M}_v = 0.65 \sqrt{\frac{J_0 \times 10^2}{3.06}}$

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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