

## Typical Properties

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COMPOSITION	SAA-100 <sup>1</sup>	RJ-100 <sup>2</sup>	SAA-101 <sup>1</sup>	RJ-101 <sup>2</sup>
Bound Styrene, mole %	70	69	60	60
Bound Allyl Alcohol, mole %	30	31	40	40

PHYSICAL PROPERTIES	SAA-100	RJ-100 <sup>2</sup>	SAA-101	RJ-101 <sup>2</sup>
Physical Form	Pastilles	Flakes	Pastilles	Flakes
Appearance	White	White	White	White
Color, APHA (30% in MEK)	70	No data	70	No data
Molecular Weight, GPC (Number Average, Mw)	1,500	1,650	1,200	1,150
Molecular Weight, GPC (Weight Average, Mw)	3,000	3,650	2,500	2,440
Hydroxyl Number (mg KOH/gm)	210	187	255	255
Equivalent Weight	267	300	220	220
Acid Number (mg KOH/gm)	<0.1	--	<0.1	--
Hydroxyl content, wt %	6.4	5.7	7.7	7.7
Tg, °C	62	61	57	54
Softening Point, °C (Durrant)	No data	100-110	No data	95-105
Melt Viscosity, Poise @ 120°C @ 140°C	No data No data	165 18	No data No data	35 5
Specific Gravity	1.05	1.055	No data	1.094
Bulk Density, lbs/gal	5.006	No data	5.556	No data
VOC Content, wt% ASTM D-2369 (EPA 24)	0.045	No data	0.10	No data

<sup>1</sup> These are not sales specifications but typical mid-range values.

<sup>2</sup> RJ-100 and RJ-101 were previously sold by the Monsanto Company.

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Users should review the applicable Safety Data Sheet before handling the product.

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