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## V 79 S

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V 79 S is a high fluidity polypropylene homopolymer for the production of staple fibres with improved thermo-bonding ability for nonwoven fabrics.

The product exhibits excellent antigasfading properties. V 79 S offers an outstanding process stability and spinning behaviour on short-spinning lines and some specific long-spinning lines.

The thermal-bonding ability is high and allows the production of nonwoven fabrics with a higher tear strength or with a lower weight per m<sup>2</sup> for the same strength. The fabrics made with V 79 S are characterised by softness, textile-like appearance and tear resistance.

The typical applications are coverstock for diapers, feminine care products and incontinence pads. Other applications are wipes, filters and fabrics for the clothing and furniture industry.



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PROPERTIES	METHOD (b)	UNIT	TYPICAL VALUE (a)
<b>Physical properties</b>			
Melt flow rate (230°C, 2.16 kg)	ISO 1133	Dg / min	21
Density	ISO 1183	g/cm <sup>3</sup>	0.9
<b>Mechanical properties</b>			
Flexural modulus	ISO 178	N/mm <sup>2</sup>	1550
Tensile strength at yield	ISO R 527	N/mm <sup>2</sup>	35
Elongation at yield	ISO R 527	%	13
IZOD impact strength (notched) at 23°C	ISO 180	kJ/m <sup>2</sup>	3
Hardness Shore D	ISO 868	Points	72
<b>Thermal properties</b>			
Vicat softening point (9.8 N)	ISO 306/A	°C	153
H.D.T. (0.46 Mpa)	ISO 75/B	°C	118
Accelerated oven ageing in air (forced circulation) at 150°C	ISO 4577	hours	120

● V 79 S is suitable for food contact.

a) Values shown are averages and are not to be considered as product specification. These values may shift slightly as additional data are accumulated.

b) ISO test methods are the latest under the society's current procedures.

All specimens are prepared by injection moulding.