

Preliminary Technical Data Sheet  
**CAPILENE® SW 70 LE**  
 Polypropylene Impact Copolymer



**Product Description**

**CAPILENE® SW 70 LE** is a nucleated polypropylene impact copolymer for injection moulding and compounding applications. The resin combines high melt flow rate with good stiffness – impact balance and low emission of volatiles (according to VDA 277 and VDA 278). It contains a basic stabilization package. This product enjoys patent protection.

*The grade is being in development status, this is a preliminary data sheet and subjected to changes.*

<b>Features:</b>	<ul style="list-style-type: none"> <li>• Low emission</li> <li>• High flow</li> <li>• Good stiffness – impact balance</li> </ul>	<ul style="list-style-type: none"> <li>• Nucleated</li> <li>• Basic stabilization package</li> </ul>
<b>Uses:</b>	<ul style="list-style-type: none"> <li>• Automotive interior trims</li> <li>• Compounds for automotive interiors</li> <li>• Complex geometry parts</li> </ul>	<ul style="list-style-type: none"> <li>• Household items</li> <li>• Thin wall injection molding</li> </ul>
<b>Processing Methods:</b>	<ul style="list-style-type: none"> <li>• Injection molding</li> </ul>	<ul style="list-style-type: none"> <li>• Compounding</li> </ul>

Properties		Method	Typical Value*	Unit
<b>Physical</b>				
<b>Melt Flow Rate</b>	(230°C/2.16 kg)	ISO 1133	65	g/10 min
<b>Mechanical</b>				
<b>Tensile Modulus</b>	(5 mm/min)	ISO 178	1200	MPa
<b>Izod Impact Strength, notched</b>	(+23°C)	ISO 180	6.5	kJ/m <sup>2</sup>
<b>Izod Impact Strength, notched</b>	(- 20°C)	ISO 180	4	kJ/m <sup>2</sup>
<b>Emissions</b>				
<b>VOC</b>		VDA 278	Pass	
<b>FOG</b>		VDA 278	Pass	
<b>TOC</b>		VDA 277	Pass	
<b>Fogging</b>	Gravimetric	DIN 75201B	Pass	
<b>Fogging</b>	Reflectometric	DIN 75201A	Pass	

\*Typical values; not to be construed as specifications.

**Health, Quality, Regulations and Safety**

This product is not classified as dangerous substance. Material safety data sheets, international standards certificates (e.g. ISO 9001) and other regulatory documents are available on our website. This product is not intended for use in medical or pharmaceutical applications and we do not support its use for such applications.

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