

# TERISAN

SAN	Conditions	Test Method	Units	TERISAN 20	TERISAN 30	TERISAN 5025V
<b>Physical Properties</b>						
Melt flow index	220°C 10 kg	ASTM D 1238	g/10 min	25	40	12
Density	23°C	ASTM D 792	g/cm <sup>3</sup>	1.05	1.05	1.21
Linear Shrinkage	-	ASTM D 955	%	0,4-0,6	0,4-0,6	0,2-0,4
<b>Mechanical Properties</b>						
Tensile strength at break	-	ASTM D 638	Mpa	70	70	82
Tensile elongation at break	-	ASTM D 638	%	25	2.5	1,4
Flexural Modulus	-	ASTM D 790	Mpa	3700	3700	7400
Notched impact strength	23°C	ASTM D 256	J/m	20	15	30

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<b>Thermal Properties</b>						
Vicat softening point	9,8N 50°C/hour	ASTM D 1525	°C	108	108	107
Vicat softening point	49 N 50°C/hour	ASTM D 1525	°C	102	102	103
<b>Flame Resistance</b>						
At-Fire behaviour	thickness 1,6mm	UL 94	Class	HB	HB	HB
At-Fire behaviour	thickness 3,2mm	UL 94	Class	HB	HB	HB

### **Main Features**

<b>TERISAN 20</b>	<b>TERISAN 30</b>	<b>TERISAN 5025 V</b>
<ul style="list-style-type: none"> <li>• SAN with good chemical resistance.</li> <li>• general purpose.</li> <li>• excellent dimensional stability.</li> </ul>	<ul style="list-style-type: none"> <li>• SAN high melt flow rate.</li> <li>• good chemical resistance.</li> <li>• excellent dimensional stability.</li> </ul>	<ul style="list-style-type: none"> <li>• SAN 25% glass fibres reinforced.</li> <li>• excellent dimensional stability.</li> <li>• good heat resistance.</li> </ul>

## ***Main appliances***

<b>TERISAN 20</b>	<b>TERISAN 30</b>	<b>TERISAN 5025 V</b>
<ul style="list-style-type: none"><li>• packaging for cosmetics.</li><li>• household goods.</li><li>• aquariums.</li><li>• domestic appliances.</li></ul>	<ul style="list-style-type: none"><li>• packaging for cosmetics.</li><li>• stationery articles.</li><li>• display unit.</li><li>• toys.</li></ul>	<ul style="list-style-type: none"><li>• useful for both injection moulding and extrusion.</li><li>• good impact resistance.</li><li>• very high thermal resistance.</li></ul>

**All ASP products can be formulated and implemented according to specific requirements of the customer, including staining.**  
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