

# performanceplastics

## PRODUCT DATA SHEET

### APILON 33 S Series

PVC-NBR compounds available in a range of hardnesses and NBR content. This product family is particularly suitable for injection moulding applications.

GRADE: **3S 50-08/5**

PROPERTY	TEST METHOD	DATA
<b>Relative Density</b>	DIN 53457	<b>1.15</b>
<b>Hardness</b>	DIN 53505 / ASTM D 2240	<b>50° Shore A</b>
<b>Melt Flow Index</b> 190 C / 49.05 N g/10min	ASTM D1238	<b>45</b>
<b>Tear Strength</b> ( un-notched )	DIN 53515 / ASTM D624	<b>27 KN/m</b>
<b>100% Modulus</b> <b>300% Modulus</b>	DIN 53504 / ASTM D 638	<b>3.0 Mpa</b> <b>5.2 Mpa</b>
<b>Tensile Strength</b>	DIN 53504 / ASTM D 638	<b>7.9 Mpa</b>
<b>Elongation at break</b>	DIN 53504 / ASTM D 638	<b>450 %</b>
<b>Abrasion resistance</b>	DIN 53516	<b>180 mm<sup>3</sup></b>

