



Rigidex® P CAP906S

Product Technical Information

Rigidex® P CAP906S is an impact copolymer polypropylene suitable for closures requiring good impact performance, especially at low temperature, balanced with low tendency to stress whitening. It is specifically designed and formulated for bi-component screw caps for carbonated soft drinks made by either injection or compression moulding.

Typical applications

- closures requiring good impact performances- especially at low temperature - and easy application and opening torque
- bi-component screw caps for carbonated soft drinks

Benefits and Features

- Good processability
- High impact strength
- Low tendency to exhibit stress whitening
- Grade containing slip agent for easy opening
- Good mould release

Properties	Test Methods	Values	Units
Physical			
Melt Flow Rate	ISO 1133 230°C; 2.16kg	6	g/10min
Mechanical			
Flexural Modulus	ISO 178 @+23°C	1500	MPa
Tensile Strength at Yield	ISO 527-1	30	MPa
Charpy Impact Strength	ISO 179/1eA @+23°C	6	kJ/m ²
Charpy Impact Strength	ISO 179/1eA @0°C	4	kJ/m ²
Thermal			
Heat Deflection Temperature	ISO75-2 0.45N/mm ²	110	°C

The values given are typical values measured on the product. These values should not be considered as specification