

Product Texts

SABIC® PP grades for healthcare applications are produced under controlled conditions resulting in high product quality, consistency and a high level of purity. SABIC® PP PCGR25 is a highly transparent polypropylene random copolymer with good antistatic properties. This grade combines improved aesthetics of the finished articles with low melt temperature processability, enabling short cycle times. SABIC® PP PCGR25 results in good demoulding characteristics and has a good stiffness to impact ratio. Typical applications: SABIC® PP PCGR25 has been typically designed for injection moulding of housings for empty disposable 3-part syringes. Others applications demanding a high level of transparency and broad processing window are also possible. Compliance to regulations: SABIC® PP PCGR25 complies with the food contact regulations and the relevant monographs of the US Pharmacopoeia. The product mentioned herein may not be used for medical healthcare devices or materials intended for temporary or permanent implementation in the human body. IMDS 80775790

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1050	MPa	ISO 527
Yield stress	25	MPa	ISO 527
Yield strain	13	%	ISO 527
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA

Characteristics**Processing**

Injection Molding

Features

Copolymer

Special Characteristics

Transparent

Certifications

Food contact