

SABIC® PP BCT18F IMPACT COPOLYMER FOR RETORT PACKAGING

SABIC® PP BCT18F is an impact polypropylene (hetero phasic PP) designed for flexible packaging. This new material is commonly used for lamination films in **retort (food) packaging**. Recent trials performed in collaboration with customers confirmed its very good processing and performance properties in all film extrusion process technologies including cast, blown and conventional tenter frame production line.

Additionally, SABIC® PP BCT18F offers very good **impact strength at low temperature (-20°C)** for frozen food packaging and outperforms other comparable materials in the market.

TRUCIRCLE™ SOLUTION

SABIC® PP BCT18F polymer is also available as TRUCIRCLE™ certified circular and renewable polymer.



Certified circular polymer from feedstock recycling of plastic waste streams



Certified renewable polymer from second generation bio-based feedstock

SABIC® PP BCT18F POLYMER:

IMPACT RESISTANT AND GEL CONTROLLED PRODUCT FOR FLEXIBLE PACKAGING



EASY PROCESSESABILITY

BLOWN, CAST & TENTER FRAME PRODUCTION
GEL CONTROLLED



GOOD RETORTABILITY

HIGH THERMAL STABILITY FOR THE RETORT
PROCESS & SEALING INTEGRITY



COMPLIANCE & FOOD SAFETY

PHTHALATE FREE



POTENTIAL SYSTEM COST REDUCTION

THROUGH THINNER FILM LAYER



SABIC® PP BCT18F IMPACT COPOLYMER



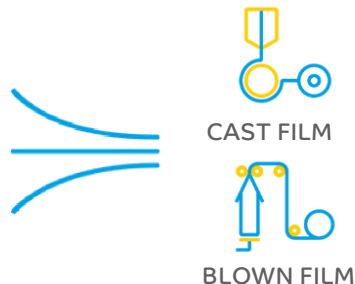
TYPICAL MFR 1,8 g/10min
DENSITY 905 kg/m³

TYPICAL STRUCTURE OF 3 LAYER CO-EXTRUDED FILM

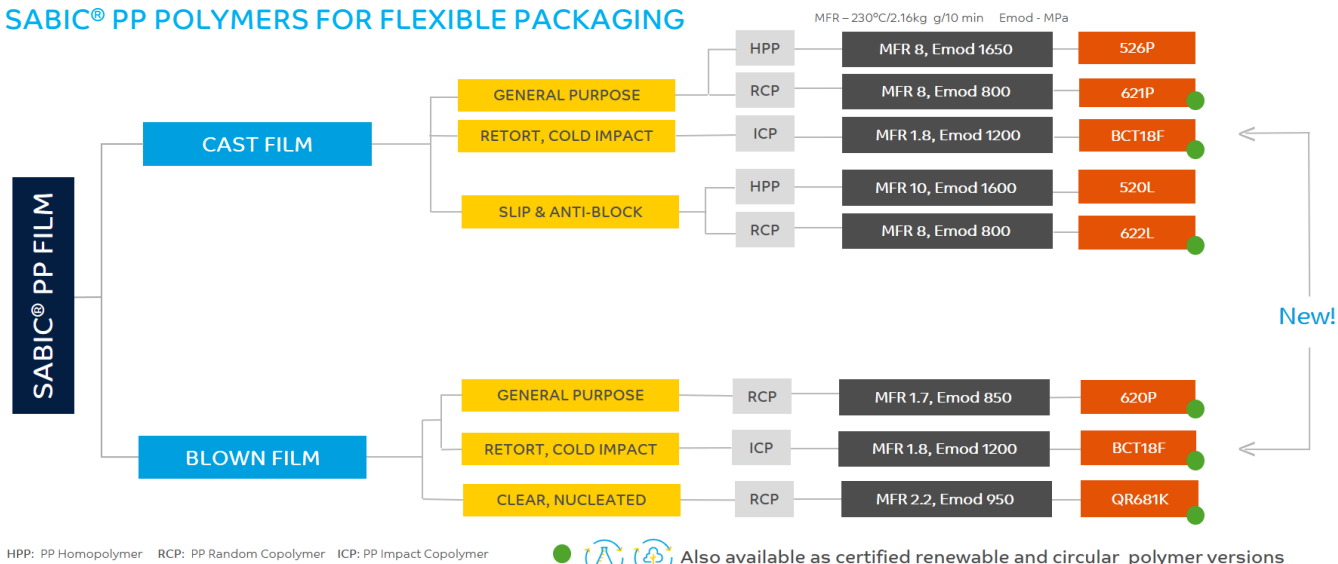
3 LAYER-FILM WITH SABIC® PP MATERIALS - 60µm				
Layer A	25%	BCT18F	BCT18F	HOMO PP
Layer B	50%	BCT18F	HOMO PP	BCT18F
Layer C	25%	BCT18F	BCT18F	HOMO PP

Homo PP for cast film co-extrusion
Homo PP for blown film co-extrusion

SABIC® PP 526P
SABIC® PP 525P



SABIC® PP POLYMERS FOR FLEXIBLE PACKAGING



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