PP Cast film

Cast films continue to gain momentum in the flexible packaging industry thanks to their unique combination of performance, versatility, and cost-efficiency.

Their superior mechanical properties and excellent moisture barrier make them perfect for a wide range of packaging, from food wraps to industrial films, including the highly specialized medical applications. Cast films also have unquestionable advantages in terms of sustainable solutions (recyclability of mono-material solutions).

Polypropylene is the material of choice for packaging solutions, in particular for food, where it can safeguard quality, retain freshness and improve shelf fife, offering attributes and functionalities like:

- easy processing
- exceptional clarity and gloss
- high strength and puncture resistance
- wide range of barrier properties
- excellent printability
- good seal strength
- recyclability
- retortability
- microwavabilty

With this unmatched balance of performance, polypropylene is the key to driving success in the cast film process.

INEOS Olefins & Polymers Europe offer a number of polypropylene resins covering a comprehensive range of market requirements :

- homopolymers for high stiffness and barrier, including a high crystallinity grade (HCPP)
- random copolymers for good optical properties and low stress whitening
- terpolymers for low and very low temperature sealing perfomance and good softness
- impact (heterophasic) copolymers for best stiffness / toughness balance and high dart drop resistance



Grade		MFR g/10m	FM MPa	Tm °C	Slip ppm	AB ppm	Comment
Homopolymers	**101-GB08**	8	1450	161	-	-	
	102-GD08	8	1450	161	-	-	No CaSt
	100-GA09	9	1500	161	-	-	
	101-GA09	9	1350	161	-	-	
	101-SA09	9	1450	161	2000	-	
	100-SB09	9	1300	161	1900	1900	
	100-GA12	12	1400	161	-	-	
	100-AA12	12	1450	161	-	-	antistatic
HC PP	**HCS 586**	6.5	2200	167	-	-	
Random	**200-SB08**	8	950	145	1900	1900	Medium C2
	240-GD08	8	900	145	-	-	High C2
	240-GA09	9	850	140	-	-	High C2
	240-SB08	8	900	145	1600	1600	High C2
	240-SB09	9	850	140	1900	1900	High C2
Terpolymers	**KS 329**	5	700	134	-	-	Retort SIT 112°C
	KS 357	5	620	131	-	-	SIT 105°C medical
	KS 351	7.3	620	131	1400	1200	SIT 105°C
	KV 353	9	620	131	-	2500	SIT 105°C
Impact	**400-GA03**	2.5	1250	163	-	-	
	RF 180	0.8	1300	163	-	-	Retort

Solutions to customers



INEOS Olefins & Polymers Europe is committed to having close and continuous collaboration with customers, converters, machine producers and brand owners. Thanks to our proven technical and marketing expertise, INEOS Olefins & Polymers Europe offers both solutions as well as products to our market.

INEOS Olefins & Polymers Europe has a dedicated team of technical experts based in a world-class laboratory located in Brussels (Belgium) and is actively engaged in new development projects. The team provides a highly experienced and knowledgeable resource for customers to test and develop new film structures in partnership with INEOS Olefins & Polymers Europe.

INEOS Olefins & Polymers Europe

Your partner

PP cast film



INEOS is one of the world's largest chemical companies, founded in 1998.

INEOS Olefins & Polymers Europe is a leading producer of olefins and polyolefins.

www.ineos.com

INEOS Olefins & Polymers Europe offers a full range of high value polyolefins solutions for market applications such as food and industrial packaging, pipe and automotive through dedicated sales, and technical service teams.

ECO EXCELLENCE
Our sustainable journey

INEOS is a safe and environmentally responsible company. We are engaged in developing our sustainable agenda to improve our operations and to implement sustainable solutions for our customers. This includes products that offer lightweighting, energy efficiency, durability (extended lifetime) or conservation of resources. We care.

For further information please visit our website at **www.ineos.com** or contact us at **ineospofcsc@ineos.com**

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