

Ultramid[®] Product line for extrusion

Ultramid [®]	melting point	viscosity number	relative viscosity	additives	applications
Ultramid[®] B (homopolyamide PA6) grades					
Ultramid [®] B33 L	220°C	195	3.3	lubricant	BOPA, paper coating monofilaments
Ultramid [®] B36 L	220°C	218	3.6	lubricant,	blown film, casing, water cooled film
Ultramid [®] B36 LN	220°C	218	3.6	lubricant, nucleating agent	cast film
Ultramid [®] B36 LNV	220°C	218	3.6	lubricant, nucleating agent	cast film
Ultramid [®] B40	220°C	250	4.0		blown film, monofilaments
Ultramid [®] B40 L	220°C	250	4.0	lubricant	blown film, casing, monofilaments
Ultramid [®] B40 LN	220°C	250	4.0	lubricant, nucleating agent	cast film (blown film)
Ultramid[®] slow crystallisation grades					
Ultramid [®] B36 SL	215°C	218	3.6	lubricant	casing, blown film
Ultramid [®] B36 SLN	215°C	218	3.6	lubricant, nucleating agent	cast film, blown film, extrusion lamination
Ultramid[®] C (copolyamide PA6/66) grades					
Ultramid [®] C33	196°C	195	3.3		blown film, monofilaments
Ultramid [®] C33 L	196°C	195	3.3	lubricant	blown film
Ultramid [®] C33 LN	196°C	195	3.3	lubricant, nucleating agent	blown film
Ultramid [®] C37 LC	182°C	225	3.7	lubricant	monofilaments, blown film, shrink film
Ultramid [®] C37 LXC	182°C	225	3.7	lubricant	monofilaments
Ultramid [®] C40 L	189°C	250	4.0	lubricant	monofilaments, blown film, shrink film
Ultramid [®] C40 LN	189°C	250	4.0	lubricant, nucleating agent	blown film
Ultramid [®] C40 LX	189°C	250	4.0	lubricant	monofilaments
Ultramid[®] Flex F grades					
Ultramid [®] Flex F38	199°C		3.8*		cast film, special blown film

Ultramid® Product line for extrusion

Ultramid® New nomenclature

Nomenclature	Ultramid extrusion grades are designated by letters and digits which indicate chemical composition, viscosity and additives.	
Polyamide type	B	= PA 6
	C	= copolyamide 6/66
	F	= copolyamide
Viscosity class	Relative viscosity in 96%/23°C sulphuric acid (i.e 36 for RV 3.6). * Except Ultramid Flex F38, measured in different solvent.	
	33	= intermediate viscosity
	36	= intermediate to high viscosity
	37	= high viscosity
	38	= high viscosity
	40	= high viscosity
Additive	L	= lubricated
	LC	= clear
	LN	= lubricated and nucleated
	LNV	= lubricated and nucleated, residual caprolactam level
	LX	= high gloss and transparency
	S	= slow crystallisation

Example: B40 LN (PA6, high viscosity, lubricated, nucleated)