

Ultramid[®] Product line for extrusion

Ultramid [®] B (homopolyamide PA6) grades				
Ultramid [®]	viscosity number	relative viscosity	additives	applications
Ultramid [®] B26 HM 01	142	2.6	heat stabilizer, plasticizer	wire and cable
Ultramid [®] B27 E	150	2.7		compounding, paper coating, monofilaments
Ultramid [®] B33 L	195	3.3	lubricant	BOPA, monofilaments, paper coating
Ultramid [®] B33 LXM 01	195	3.3	lubricant, plasticizer	monofilaments
Ultramid [®] B36 LN	218	3.6	lubricant, nucleating agent	cast film
Ultramid [®] B40	250	4.0		blown film, monofilaments, casing
Ultramid [®] B40 L	250	4.0	lubricant	blown film, monofilaments, casing
Ultramid [®] B40 LN	250	4.0	lubricant, nucleating agent	cast film (blown film)
Ultramid [®] Slow Crystallisation grades				
Ultramid [®] B33 SL	195	3.3	lubricant	BOPA, casing, blown film, paper coating
Ultramid [®] B36 SL (RX 2177)	218	3.6	lubricant	casing, blown film
Ultramid [®] B36 SLN (RX 2167)	218	3.6	lubricant, nucleating agent	cast film
Ultramid [®] C (copolyamide PA6/66) grades				
Ultramid [®] C33 / Ultramid [®] C33 01	195	3.3		blown film, monofilaments
Ultramid [®] C33 L / Ultramid [®] C33 L 01	195	3.3	lubricant	blown film
Ultramid [®] C33 LN / Ultramid [®] C33 LN 01	195	3.3	lubricant, nucleating agent	blown film
Ultramid [®] C40 L 07	250	4.0	lubricant	monofilaments, blown film
Ultramid [®] C40 LN 07	250	4.0	lubricant, nucleating agent	blown film
Ultramid [®] C40 LX 07	250	4.0	lubricant	monofilaments, (improved transparency)

Ultramid® New nomenclature	
Nomenclature	Ultramid extrusion grades are designated by letters and digits which indicate chemical composition, viscosity and additives.
Polyamide type	<p>B = PA 6</p> <p>C = copolyamide 6/66</p>
Viscosity class	<p>Relative viscosity in 96%/23°C sulphuric acid (i.e 36 for RV 3.6)</p> <p>26 = low viscosity</p> <p>27 = easy flowing, low melt viscosity</p> <p>33 = intermediate viscosity</p> <p>36 = ntermediate to high viscosity</p> <p>40 = high viscosity</p>
Additive	<p>H = heat stabilized</p> <p>M = plasticizer containing</p> <p>L = lubricated</p> <p>LN = lubricated and nucleated</p> <p>LX = high gloss and transparency</p> <p>S = slow crystallisation</p>
Suffix	01 for cylindrical pellet shape, 07 for cylindrical pellet shape (no number = oval pellet shape)
Example:	B40 LN (PA6, high viscosity, lubricated, nucleated)