


Description	Material Name	Density	MFI	General Characteristics	Typical Applications
Standard natural and black grades	ICORENE® 2550	0.924	3.6	Flexible, tough, good ESCR, UV stabilised	Street furniture, floats and buoys
	ICORENE® 3545	0.935	4.5	Medium stiffness, good processing speed, wide processing window, UV stabilised	General purpose such as containers, small tanks and industrial mouldings
	ICORENE® 3560	0.935	5.0	Medium stiffness, good processing speed, wide processing window, UV stabilised	General purpose such as containers, small tanks and industrial mouldings
	ICORENE® 3590	0.935	9.0	Medium stiffness, very high processing speed, UV stabilised	All general purpose mouldings or very intricate items
	ICORENE® 3940	0.939	4.0	Good stiffness and hardness, wide processing window, UV stabilised	Tanks and other large mouldings
High Performance grades	ICORENE® 1721	0.934	2.7	High ESCR and impact strength	Industrial mouldings, chemical tanks
	ICORENE® 1781	0.934	8.0	Medium stiffness mPE, very high processing speed and wide processing window, high impact strength, UV stabilised	All general purpose mouldings or intricate items
	ICORENE® 1613	0.938	4.5	Medium high stiffness, excellent processing speed, ESCR, and flow with wide processing window, UV stabilised	Small tanks, tough stiff products especially those needing higher flow for more intricate areas
	ICORENE® 1613 BK 85	0.938	4.5	Black UV stabilised grade (with special approvals)	Diesel tanks (tested to ECE 34)
	ICORENE® 1314	0.939	3.0	Very high ESCR with good stiffness and easy release. UV stabilised	Big water tanks. Oil, Chemical, Septic and Agricultural tanks
	ICORENE® 1741	0.940	4.0	High density metallocene material with very good impact properties. UV stabilised	Tanks and other large mouldings
	ICORENE® 1339	0.943	3.0	High stiffness, high impact strength and ESCR, UV stabilised	Big tanks and other large mouldings
Flexible grades	ICORENE® 2910	0.882	10.0	Ultra flexible, easy to process polymer with super toughness	Flexible bladders floats and buoys
	ICORENE® 2900	0.900	7.5	Very flexible LDPE, easy to process polymer with super toughness	Street furniture, floats and buoys
	ICORENE® 1901	0.902	10.0	Rubbery PE with high flexibility and easy moulding. UV stabilised	Street furniture, floats and buoys
High stiffness grades	ICORENE® 5760	0.949	3.5	Excellent stiffness and impact strength. High hardness. UV stabilised	Boats, canoes and kayaks
	ICORENE® 5389	0.951	4.0	Excellent stiffness and impact strength. High hardness. UV stabilised	Specially formulated for three layer laminates
	ICORENE® 5125	0.951	3.2	Excellent stiffness and impact strength. High hardness. UV stabilised	Boats, Kayaks, canoes

Description	Material Name	Density	MFI	General Characteristics	Typical Applications
Polypropylene grades	ICORENE® 4014 ICORENE® 4014 Black	0.900	15.0	PP copolymer. Very high stiffness combined with high temperature and scratch resistance. Easy moulding and UV stabilised	Engine components, small tanks, ducting and industrial housings
	ICORENE® X4075	0.900	75	Polypropylene, high stiffness, good gloss/translucency and scratch resistance. Very good flow characteristics ensure easy moulding and improved impact resistance	Engine components, small tanks, ducting and industrial housings
Speciality grades	ICORENE® 1781 V2	>1.00	8.0	UL94 V2 rated flame retardant polyethylene. Easy moulding and UV stabilised	Tanks and bins required to have flame retardancy
	ICORENE® 1781 SC	0.935	8.0	Semi Conductive black PE. Exhibits good flow and impact properties. UV stabilised	Bins, covers, housings requiring permanent electrical conductivity
	ICORENE® 1500 ICORENE® 1500 Black 9000	0.945	N/A	Cross link mPE ultimate HDPE for all round toughness, ESCR, chemical resistance, super flow and ease of use. UV stabilised	Hydraulic oil tanks, fuel tanks, chemical tanks and abrasion applications
	ICORENE® 9005	1.020	N/A	Nylon 12. Easy to mould exhibiting high temperature resistance and stiffness. UV Stabilised	Engineering performance products such as automotive
	ICORENE® 1869	0.927	3.5	Adhesive grade, excellent toughness, good adhesive properties to metal, good processability, good mechanical properties	Adhesive tie layer for polyethylene, corrosion protection, rotolining of pipes or tanks, specifically developed for roto
	ICORENE® X 9908	1.20	38	Polycarbonate, glass-clear, UV stabilised roto-powder. Very high stiffness and hardness with built-in flame retardancy	Lighting globes, point of sales items, safety products, small cabinets
Foam grades	ICORENE® 6005	0.935	N/A	Foam concentrate to blend with natural powder to create a foam mixture that is easy to use	Second shot material in boats, insulated boxes, covers, wheels
	ICORENE® 6446	0.935	N/A	Foam powder designed for easy and consistent moulding of two or three layer structures	Second shot material with low density for use in boats, insulated boxes, covers, wheels
	ICORENE® 6152 OSF	0.935	N/A	Foam pellet giving one shot capability. For best use requires advice from ICO specialists on tooling and processing	Twin wall fill products such as IBC, open insulated boxes, lids, fins, surfboards and ramps
New arrivals  INEOS GRANULES NOW AVAILABLE	Eltex HD 3930 UA	0.939	3.0	High performance Hexene resin with a balance of good stiffness and excellent ESCR	
	Eltex HD 4330 UA	0.943	3.0	High performance Hexene resin with a balance of high stiffness and excellent ESCR	
	Eltex HD 3850 UA	0.938	4.5	High performance Hexene resin with a balance of stiffness, great fluidity and excellent ESCR	

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