



RAVAPLEN®

SCOLEFIN®

Ravago is introducing Near to Prime

RAVAPLEN[®]

ECO PP Compounds

Utilizing prime and high quality recycled PP; long term testing has validated the best ratio of feedstock to achieve the ideal property / price balance. Only best-in-class recycled raw materials are selected for use in Ravago PP compounding operations. Production processes are based on expertise built through over 50 years experience of recycling technologies.

Near to Prime Ravaplen ECO PP compounds for interior trim applications provide:



Excellent surface finish



Scratch resistance compounds



Low odour and fogging



Optimized mechanical properties



Easy flow



UV resistance



Long term thermal stability



Color matched on request



Cost effective



Ravaplen[®] - Scolefin[®] product portfolio

Grade name	Product description	Density	MFI
		[g / cm ³]	230° / 2,16 Kg [g / 10min]
		ISO 1183	ISO 1133
PP Near Prime Compound			
Ravaplen 62 T 40	Cost improved, 16% talc filled	1,02	15
Ravaplen 62 T 41	Ravaplen 62 T 41 Cost improved, 20% talc filled	1,05	18
Ravaplen 62 T 42	Emission and odour improved, 16% talc filled	1,00	15
Ravaplen 62 T 43	Emission and odour improved, 20% talc filled	1,02	18
Ravaplen 72 T 43	Emission and odour improved, high flow 20% talc filled	1,05	20
Ravaplen 72 T 40	UV, scratch, odour improved, high flow, 16% talc filled	1,02	20
Ravaplen 72 T 41	UV, scratch, odour improved, high flow, 20% talc filled	1,02	20
PP Prime Compound - Interior Trims			
Scolefin 61 M 23	Impact modified, 12% hybrid filler package	0,95	20
Scolefin 62 T 25	Impact modified, 16% talc filled	1,02	20
Scolefin 62 T 26	Impact modified, 20% talc filled	1,05	18
Scolefin 62 T 27	Impact modified, 20% talc filled, low tackiness, superior scratch	1,05	18

Ash	Flex modulus	Tensile modulus	Tensile stress at yield	Impact Strength Charpy notched		Vicat softening B50
700° C [%]	[MPa]	[MPa]	[MPa]	23°C [KJ / m²]	-20°C [KJ / m²]	°C
ISO 3451	ISO 178	ISO 527	ISO 527	ISO 179 / 1eA	ISO 179 / 1eA	ISO 306 B

16	1700	1500	22	6	2,5	56
20	1600	1500	20	8	2,6	57
16	1700	1500	20	17	4	59
20	1600	1300	17	17	3	57
20	1800	1500	20	15	2,9	59
16	1600	1300	21	7	2,5	55
20	2000	1500	23	6	2	58

12	1600	1400	19	NB	4	52
16	1600	1350	20	33	3,5	49
20	1800	1400	18	27	3	50
20	1700	1500	20	27	3	50

High quality recycled Compounds

Near to Prime Ravaplen® ECO PP compounds from just part of an extensive portfolio of high quality recycled plastics compounds from Ravago. Ravago has been manufacturing recycled compounds for over 50 years and it is this experience that allows converters and end users to have the confidence to specify our products. The portfolio consists of the following brands:

Mafill®	PP	Sicoklar®	PC
Ravamid®	PA6, PA66	Sicostirolo®	PS
Mablex®	PC / ABS	Ravalene®	PE
Sicoflex®	ABS	Ravaflex®	Synthetic rubber

Mafill PP® recycled compounds

The largest consumption is of Mafill® recycled PP compounds, which offer the end user a broad range of solutions via a wide product portfolio that includes:

Unfilled black, coloured and natural grades	Combined filling
Unfilled coloured (terracota, green)	Elastomer modified
Unfilled natural	UV and heat stabilized
Talc or CaCO3 filled (5-70%) black/natural	MFI range from 1.5 to 40 g/10min
Glass fibre reinforced (5-50%) black	Tailor made compounds

The quality control of raw material feedstock used for Mafill® PP recycled compounds is a critical part of the manufacturing operation. Feedstock is fully tested and classified before the compounding operation. This allows the correct quality of feedstock to be allocated to the final product. Each Mafill® PP recycled compound lot that is produced is shipped with a certificate of analysis.

High quality recycled PP compounds Mafill® is recommended mainly for demanding and nonvisual applications including:

AUTOMOTIVE	Cowl vent grill / water deflector	NON AUTOMOTIVE	Garden furniture
	Wheel arch liner		Artificial wood profiles
	Filter housing		White goods parts
	Under body parts		Parts of appliances
	Battery trays		
	Headlight housing		
	Bumper mount		
	Inlet manifold		
	Toolbox		



The Ravago Group is a leading international supplier of plastics and rubber to customers and end-users in almost every corner of the world. In 1961, long before plastics recycling became fashionable, Ravago pioneered the reprocessing of industrial plastic waste and its conversion into a new raw material source.

Ravago Group is active in the compounding, distribution, recycling and resale of plastics and rubber. Today, with more than 55 years of market presence, Ravago ranks as one of Europe's oldest and most prominent plastic enterprises.

Whilst high quality recycled polymers have been finding their way into non visual automotive applications for some time, visual parts have been always produced from prime polymers.



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