Ravago
MANUFACTURING

SCOLEFIN®

Ravago is introducing new

SCOLEFIN®

PP light weight series

Ravago developed a new successful range of PP lightweight series grades: SCOLEFIN® PP high performance portfolio.

SCOLEFIN® products are ideal for light weight, highly exposed automotive parts. The products, with reduced density, are reinforced with fillers in order to give high impact and stiffness. The superb characteristics include excellent surface and scratch resistance properties, available with high UV performance as well.

Always in combination of excellent aesthetics! Ravago, leading company in plastics, has managed to apply its very high knowledge in order to create this new series.

SCOLEFIN® PP light weight product portfolio

Grade name	Product description	Density [g / cm³] ISO 1183	MFI 230° / 2,16 Kg [g / 10min] ISO 1133
PP Prime Compound - Interior Trims			
SCOLEFIN® 61 M 23	PP compound high performance, low density and high impact	0,98	20
SCOLEFIN® 61 M 24	High stiffness, low density PP compound	0,98	14
SCOLEFIN® 60 M 24	Ultra-Low density PP compound, high stiffness modified	0,93	14
SCOLEFIN® 62 T 25	Impact modified 16% filled, excellent scratch resistance	1,02	20
SCOLEFIN® 62 T 26	Impact modified 20% filled, excellent scratch resistance	1,05	18
SCOLEFIN® 62 T 27	Impact modified 20% filled, low tackiness, superior scratch resistance	1,05	18

Ash	Flex modulus	Tensile modulus	Tensile stress at yield	Impact Strengh Charpy notched		Vicat softening B50
700° C [%]	[MPa]	[MPa]	[MPa]	23ºC [KJ / m²]	-20ºC [KJ / m²]	°C
ISO 3451	ISO 178	ISO 527	ISO 527	ISO 179 / 1eA	ISO 179 / 1eA	ISO 306 B
10	1600	1400	21	NB	4	52
10	2400	1900	22	20	2,5	67
5	1900	1600	22	30	3	62
16	1600	1500	20	24	3,5	53
20	1800	1400	20	27	3	50
20	1700	1500	20	27	3	50

High quality recycled Compounds

Near to Prime RAVAPLEN® ECO PP compounds form 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 Wheel arch liner Filter housing Under body parts Battery trays	Headlight housing Bumper mount Inlet manifold Toolbox	NON AUTOMOTIVE	Garden furniture Artificial wood profiles White goods parts Parts of appliances

Ravago
MANUFACTURING

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.

Ravago
MANUFACTURING

www.ravagomanufacturing.com