



SCOLEFIN[®]
automotive

Ravago presents

SCOLEFIN[®]

SCOLEFIN[®] PP Compounds is designed with the best combination of PP base polymers and a wide variety of different advanced stabilizations and fillers using unique know-how on compounding technologies.

With Ravago's experience and expertise on plastic solutions, this brand of prime quality materials can serve many different applications independent of colors, specifications and needs.

Wide portfolio of many different characteristics, SCOLEFIN[®] is the prime PP compound that will fulfill all customers' needs.

Prime SCOLEFIN[®] PP compounds provide:



Excellent surface finish



UV resistance



Low odour and fogging



Easy flow



Scratch resistance compounds



Optimized mechanical properties



Long term thermal stability



Color matched on request



SCOLEFIN[®] automotive - product portfolio

Grade name	Product description	Density	MFI
		[g / cm ³]	230° / 2,16 Kg [g / 10min]
		ISO 1183	ISO 1133

Automotive

52 T 10	PP Homopolymer, 20% talc filled, excellent balance in mechanical properties and heat stabilised, black. Suitable in other colours	1,05	12
54 T 10	PP Homopolymer, 40% talc filled, excellent balance in mechanical properties and heat stabilised, black. Suitable in other colours	1,25	15
33 G 10	PP Homopolymer, 30% glassfibre reinforced, low melt flow, excellent mechanical strength, injection moulding, high heat stabilised, black	1,12	4
52 G 13	PP Homopolymer, 30% glassfibre reinforced, low melt flow, excellent mechanical strength, injection moulding, high heat stabilised, black	1,05	16
53 G 10	PP Homopolymer, 30% glassfibre reinforced, medium melt flow, excellent for automotive applications, injection moulding	1,12	15
53 G 13	PP Homopolymer, 30% glassfibre reinforced, medium melt flow, heat stabilised, excellent impact/stiffness, injection moulding	1,12	9
34 G 10	PP Homopolymer, 40% glassfibre reinforced, low melt flow, excellent mechanical characteristics, injection moulding	1,2	3
35 G 10	PP Homopolymer, 50% glassfibre reinforced, low melt flow, excellent mechanical characteristics, injection moulding	1,33	5
36 G 10	PP Homopolymer, 60% glassfibre reinforced, low melt flow, excellent mechanical characteristics, injection moulding	1,47	5
53 G 23	PP Copolymer, 30% glassfibre reinforced, high melt flow, heat stabilised, excellent impact/stiffness balance, aesthetic, injection moulding	1,12	20

Ash Content	Flexural modulus	Tensile modulus	Tensile stress at yield	Izod Impact Strength Charpy notched		VICAT B50 (50N)	HDT/A (1,82 MPa)
625° C [%]	[MPa]	[MPa]	[MPa]	23°C [kJ / m²]	23°C [kJ / m²]	°C	°C
ISO 3451	ISO 178	ISO 527	ISO 527	ISO 179 / 1eA	ISO 180 / 1A	ISO 306	ISO 75A

20	2300	2700	30	3,5	3	-	55
40	-	4000	30	2	2	94	89
30	5300	6400	80	10	12	-	140
20	-	5300	70	8	7	-	140
30	-	7000	90	8	10	-	145
30	6000	6100	90	10	9	-	145
40	-	8500	90	13	14	-	140
50	10000	13000	115	10	12	-	148
60	13000	15000	100	8	9	-	150
30	4700	5100	57	22	20	85	130

High quality Prime Compounds

SCOLEFIN® PP compounds form just part of an extensive portfolio of high quality plastics compounds from Ravago. Ravago has been manufacturing 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 prime portfolio consists of the following brands:

SCOLEFIN®	PP	SICOKLAR®	PC
RAVAMID®	PA6, PA66	SICOSTIROLO®	PS
MABLEX®	PC / ABS	POLYFAST®	ASA
SICOFLEX®	ABS	VERPLEN®	ASA

SCOLEFIN® PP compounds

SCOLEFIN® PP compounds offer the end user a broad range of solutions via a wide product portfolio that includes:

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

The extended knowledge of Ravago in compounding makes the SCOLEFIN® PP the best solution for a wide variety of applications. The combination of additives gives to the SCOLEFIN® great characteristics that can be applied to:

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



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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