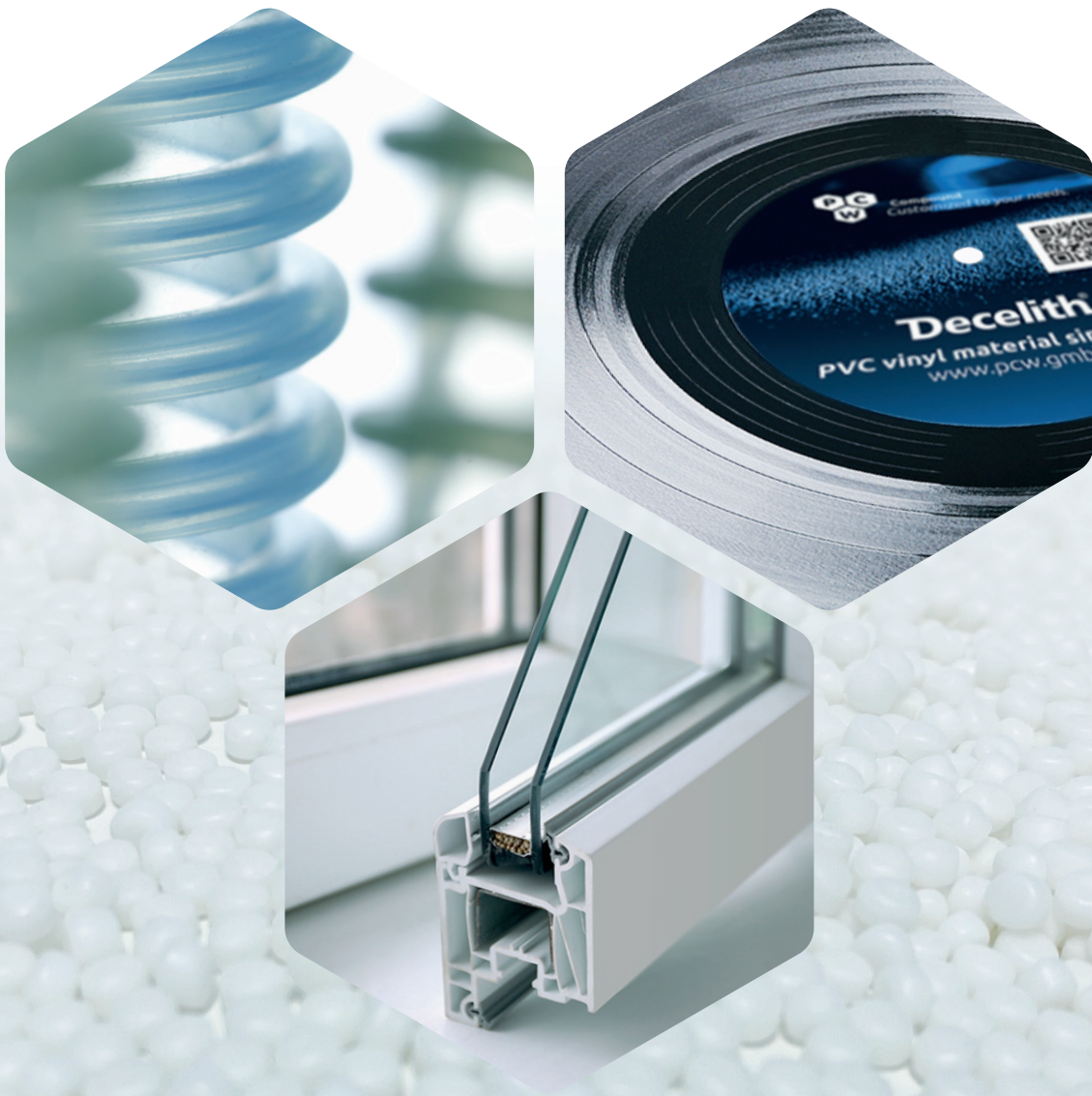




**Compound**  
*Customized to your needs.*

## **Decelith® rigid PVC compounds**



**Decelith® rigid PVC compounds**  
Extrusion, injection and blow moulding

# Decelith® rigid PVC compounds

Our rigid PVC compounds offer a wide variety of properties excellent for extrusion, injection moulding and other processing technologies. Their versatility allows the use in all verticals - from construction to electrics over to healthcare and automotive.

In doing so the respective properties are influenced by the recipe components. Attributes such as weather resistance, mechanics, colour, gloss, and many others can be precisely adjusted based on the usage and requirements. A careful selection of resources and a certified production process are key to a consistently high quality.

## Properties

- densities between 1.30 and 1.70 g/cm³
- special UV coating
- impact resistant
- filled or unfilled
- clear, transparent, natural, and coloured

Decelith®	Density (g/cm³)	Notched Impact strength (kJ/m²)	Vicat (°C)	Use cases	Unique attributes
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## Profiles

11201	1,64	7	76	Construction profiles	RAL 9016
11301	1,70	5	75	Construction profiles	RAL 9016
11311	1,68	5	77	Construction profiles	
11313	1,68	3	74	Construction profiles	
11407	1,52	8	76	Construction profiles	
11498	1,60	7	77	Construction profiles	
12007	1,44	13	78	Construction profiles	
12197	1,60	9	80	Industry profiles	
12225	1,58	10	78	Electronics	UL94 listed
12329	1,49	20	79	Window profiles	
12501	1,60	10	75	Angular profiles	
12704	1,65	10	80	Shutters	
12706	1,60	10	75	Panels	Wooden
12707	1,60	10	80	Panels	Wooden
12803	1,60	7	74	Panels	
13200	1,40	17	73	Furniture edging	
13310	1,55	13	79	Supplementary window profiles	
13410	1,39	30	73	Miscellaneous	Impact resistant
13797	1,50	15	80	Specialty profiles	

Decelith®	Density (g/cm³)	Notched Impact strength (kJ/m²)	Vicat (°C)	Use cases	Unique attributes
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## Clear appliance

22027	1,33	7	74	Scanning rail	
22025	1,34	7	74	Coiled hose	Healthcare
23040	1,32	10	72	Secretion bottles	Healthcare
21129	1,37	3	72	Grave lights	

## Injection moulding

32010	1,38	10	68	Drainage systems	
31104	1,40	5	80	Switch cabinets	
32111	1,35	15	75	Ventilation systems	

## Vinyl

17011	1,35	3	67	Vinyl	Standard all colour
17000	1,35	3	67	Vinyl	Ultra clear
17010	1,35	3	67	Vinyl	Picture disc all colour

## Use case examples of our compounds

### Technical profiles

- Square profiles
- Clamping profiles
- Angular profiles
- U- and T-profiles

### Spiral hoses

- Vacuum cleaner hoses
- Conveyor hoses
- Suction hoses

### Window profiles

- Window profiles
- Windowsill profiles

### Electrical industry

- Cable ducts
- Corrugated tubes
- Insulating profiles

### Blow moulding

- Grave lights
- Secretion bottles
- Healthcare
- Cosmetics

### Furniture profiles

- Garden bench profiles
- Table banding
- Furniture blinds

### Sanitary

- Tile trim and edging profiles
- Pool covers

### Building profiles

- Tear-off profiles
- Wall panels
- Skirting boards
- Guide rails
- Rain gutters
- Piping rails
- Price rails
- Flush-mounted profiles
- Decorative profiles



In addition to the list of products above our experienced development team can tailor special properties to your exact requirements, such as flame protection, weather resistance, mechanical properties, or even individual colour schemes.

**Contact us - we will be happy to advise you.**  
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### Innovative and Competent

With passion for technical perfection and a sure feeling for market requirements and developments, the Polyplast Müller Group is the masterbatch and compound specialist for the entire polymer-processing industry.

Today the Polyplast Müller Group achieves a turnover of EUR 522 million with 780 employees and has great market experience and large production capacities at altogether five locations in Germany and North America.

Domestic appliances, products for the automotive industry, various profiles or even toys; As a specialist in the compound business we own the know-how and can convince with our internationally established high-quality products.

Further products and informations are available on request or visit our website!



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**Innovative and Competent – Your right partner for compounding.** At its facility in the richly traditional town of Eilenburg, Germany, PCW GmbH focuses on the development and production of tailor-made compounds.

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