

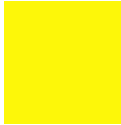









LSR Colour Pastes

Product Description **LSR Colour Pastes** have been developed especially for colouring LSR. About 0.5% to 2% of **LSR Colour Paste** should be added, depending on the desired depth of colour. The use of **LSR Colour Paste** with **LSR** in the recommended concentrations does not affect the mechanical and electrical properties of the vulcanizates.

Key Performance Properties Vulcanizates consisting of **LSR** and any of the **LSR Colour Pastes** are distinguished by the following properties:

- high temperature stability
- excellent stability and flexibility at low temperatures
- high stability to ozone and ultraviolet light
- outstanding ageing behavior and weathering resistance
- good dielectric and mechanical properties

Typical Product Data **Typical properties of the Colour Pastes, basic-range:**
The particle size according DIN 53 203, Type 232 is approx. 0,04 mm.
The viscosity according DIN 53 519, E 100 at 20° C is approx. 30 Pa·s

	maize yellow RAL approx. 1007 approx. 1.00 g/cm ³ BfR		yellow RAL approx. 1016 approx. 1.15 g/cm ³ BfR		vermilion RAL approx. 2002 approx. 1.02 g/cm ³ BfR
	orange new RAL approx. 2004 approx. 1.03 g/cm ³ BfR		reddish brown RAL approx. 3011 approx. 1.14 g/cm ³ BfR		red RAL approx. 3020 approx. 1.02 g/cm ³ BfR
	wine red new RAL approx. 3027 approx. 1.05 g/cm ³ BfR		ultramarine blue RAL approx. 5002 approx. 1.18 g/cm ³ BfR		blue RAL approx. 5005 approx. 1.12 g/cm ³ BfR
	green RAL approx. 6010 approx. 1.16 g/cm ³ BfR		light green RAL approx. 6032 approx. 1.12 g/cm ³ BfR		grey RAL approx. 7000 approx. 1.11 g/cm ³ BfR
	light grey RAL approx. 7040 approx. 1.14 g/cm ³ BfR		Brown RAL approx. 8011 approx. 1.10 g/cm ³ BfR		white RAL approx. 9010 approx. 1.18 g/cm ³ BfR
	black RAL approx. 9005 approx. 1.10 g/cm ³ BfR				



	Colour Tone Pantone approx.		Colour Tone Pantone approx.
Black	Black 4 C 2X	Orange	Orange 021 C
Blue	2945 C	Red	185 C 2x
Brown	469 C	Reddish Brown	484 C
Green	364 C	Ultramarine Blue	2738 C
Grey	1)	Vermilion	179 C
Light Green	6032	White	1)
Light Grey	1)	Wine Red	200 C
Maize Yellow	130 C	Yellow	604 C

1) the value is not available

Typical properties of the Colour Pastes, special-range:

	Colour Tone RAL approx.	Colour Tone Pantone approx.
Cream White 2²⁾	*)	*)
Dark Aluminium	9023	*)
Dark Blue	1)	2767 C
Dark Green	1)	3302 C
Flame Red	3000	1805 C
Grey LM 3³⁾	1)	1)
Light Blue	5012	1)
Light Red	1)	1)
Ocher Brown	8001	1395 C
Violet	4007	5185 C

- 1) the value is not available.
- 2) Pearl luster effect Colour Paste
- 3) Laser marking grade, tone NCS S 2500 N

LSR Colour Pastes Additive U

Addition of Additive U to the LSR Colour Pastes reduces the intensity of colours and gives the possibility to have translucent shades.

Specifications

Typical product data should not be used as specifications. Assistance and specifications are available by contacting Momentive performance materials

Containers

LSR Colour Pastes are available in 20 kg pails.

Instructions for Use

It is absolute necessary to stir thoroughly each LSR Colour Paste before use!

The viscosities of **LSR Colour Pastes** are adjusted so that it is low enough to be processed as a third component with the mixtures (of the LSR components A and B). They are fed directly to the injection-molding machine from the original drums and/or pails by means of a metering and mixing unit. The mixture, consisting of the three components, is injected into the heated mold.

At mold temperatures of 100 - 230 ° C, the addition-crosslinking silicone rubber vulcanizes free of dissociation products within a few seconds. High curing speed and easy demoulding permit fully automated production of large numbers of articles in short cycle times.

Handling and Safety

Material Safety Data Sheets are available upon request from Momentive performance materials. Similar information for other chemicals used with Momentive performance materials products may be obtained from your suppliers.

Storage Period

The shelf life for the **LSR Colour Pastes** is 36 months from date of manufacture, if stored in the original sealed boxes and stored at dry conditions at temperature (max. 43 deg. C < 60 % rel. humidity). The shelf life will be indicated by the "use before date" on the associated Certificate of Analysis.

Availability

LSR Colour Pastes may be ordered from your regular sales contact or please call Momentive performance materials, Bergen-op-Zoom, Netherlands at 00800-4321-1000 to find out which is the nearest sales office to you.



PRINCIPAL LOCATIONS – Regional Information

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Pacific	Akasaka Park Building - 5-2-20 Akasaka Minato-ku, Tokyo 107-6112 Japan	T +81.3.5544.3100	F +81.3.5544.3101

CUSTOMER SERVICE CENTERS

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	• Specialty Fluids	T 800.523.5862	F 304.746.1654
	• UA, Silanes, Resins, and Specialties	T 800.334.4674	F 304.746.1623
	• RTV Products-Elastomers	T 800.332.3390	F 304.746.1623
	• Sealants and Adhesives & Construction	T 877.943.7325	F 304.746.1654
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	• Mexico & Central America	T +52.55.5899.5135	F +52.55.5899.5138
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