



KLAREX Speciality Blacks for Mechanical Rubber Goods

KOHLENSTOFF® Carbon Blacks

Unleashing the Power of Creative Carbon Black

MRG SPECIALITY BLACKS	KLAREX CARBON BLACK FEATURES	KEY APPLICATIONS
KLAREX RG 223	Clean carbon black to provide excellent dispersion, easier processing, with fast extrusion rate.	Moulded and extruded rubber parts including anti-vibration components and automotive weather stripping
KLAREX RG 225	Designed with lower grit than KLAREX RG 223 carbon black providing improved processing characteristics enabling high filter life extrusion, improved dimensional stability, die swell and calendaring properties. Enables compliance with European Regulation 1272/2013 for low PAHs.	Weather stripping, Extruded hoses and profiles
KLAREX RG 227	Carbon black with low surface area and very high structure combination exhibits less time for mixing with high loadability. Improved dispersion and excellent processing characteristics enabling smooth surface.	Complicated design weather stripping, Automotive door seals, Extruded hoses and profiles, Moulded rubber parts
KLAREX RG 113	Wide aggregate size distribution providing higher loading capacity, less energy in mixing and ease of processing. Optimised pellet hardness and lower structure of this grade enable beneficial features in the green compounds during compound processing including faster extrusion rate, high green strength, and exceptional dimension stability.	Building profiles, Brake diaphragms Cable and Wire insulation
KLAREX RG 315	Clean carbon black to provide excellent dispersion, easier processing, with fast extrusion rate with higher loadability.	Moulded and extruded rubber parts including anti-vibration components and automotive weather stripping
KLAREX RG 535	Carbon black with low grit and ash, very low surface area and medium structure enabling excellent dispersion, high electrical resistivity to avoid contact corrosion problems (even at high loadings) and excellent extrusion characteristics.	Anti-vibration components, Automotive belts, Weather stripping (particularly in contact with metals), Extruded profiles, Hydraulic and Industrial hoses
KLAREX RG 545	Unique morphology carbon black with low grit and ash, very low surface area and high structure with excellent cleanliness enabling lower surface defects and excellent dispersion.	Anti-vibration components, Automotive weather stripping, Extruded profiles, Automotive coolant and Industrial hoses

Himadri Speciality Chemical Ltd.

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Typical Values

Characteristics Units	I ₂ No. (g/kg)	Oil Absorption No. (cc/100g)	Heating Loss (as packed) (%)	Sieve Residue #325 (ppm)	Ash (%)
ASTM No.	D-1510	D-2414	D-1509	D-1514	D-1506
KLAREX RG 223	42	123	1.0	15	0.3
KLAREX RG 225*	43	123	1.0	5	0.2
KLAREX RG 227	29	120	1.0	15	0.2
KLAREX RG 113	43	111	1.0	15	0.3
KLAREX RG 315	36	122	0.5	15	0.2
KLAREX RG 535	22	94	1.0	25	0.2
KLAREX RG 545	20	127	1.0	25	0.2

*is compliant with European Union regulation - EU No. 1272/2013.

Product Form & Logistics

- **Product Form:** Pellets
- **Regional Availability:** Global
- **Bag Packaging Options:** 25 kg polyethylene lined paper bags
- **Bulk Packaging Options:** Flexible Intermediate Bulk Containers (FIBC) depending on region



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