

New Reinforcing Filler

Evonik Industries launches PUREX® HS 45-RP, a new high performance black for mechanical rubber goods. The new product satisfies statutory requirements.

Evonik Industries offers two high performance blacks for the production of mechanical rubber goods which satisfy special requirements concerning PAH (polycyclic aromatic hydrocarbon) content. With their low PAH values, the carbon blacks DUREX® 0 and PUREX® 45-RP comply with Recommendation XXI of the Bundesinstitut für Risikobewertung (Germany) as well as the Arrêté du 09.11.1994 (France). Both products are particularly well suited in the production of food contact materials and for piping and gaskets used for drinking water.

DUREX® 0 is a carbon black used as a reinforcing filler in rubber compounds. It is highly pure and very easily processed. Rubber compounds treated with DUREX® 0 give extremely smooth profile surfaces allowing good coloration and high gloss levels.

PUREX® HS 45-RP, a new product in Evonik's portfolio, is equivalent to PUREX® HS 45 with the abbreviation RP signifying "reduced PAH content." Due to the relatively low specific surface area and high structure, compounds with PUREX® HS 45-RP have good processability, low die swelling, and high microwave absorption. Moreover, the high quality of PUREX® HS 45-RP allows for production of extraordinarily smooth extrudate surfaces. Like all the PUREX® blacks, HS 45-RP is distinguished by a particularly low sieve residue.

About Evonik

Evonik Industries is the creative industrial group from Germany which operates in three business areas: Chemicals, Energy and Real Estate. Evonik is a global leader in specialty chemicals, an expert in power generation from hard coal and renewable energies, and one of the largest private residential real estate companies in Germany. Our strengths are creativity, specialization, continuous self-renewal, and reliability. Evonik is active in over 100 countries around the world. In its fiscal year 2008 about 41,000 employees generated sales of about €15.9 billion and an operating profit (EBITDA) of about €2.2 billion.

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