

## **PRODUCT REFERENCE: UN 53/20**

**DESCRIPTION:** **UN 53/20** is a premium performance black masterbatch giving high jetness, colour strength and surface gloss in a wide variety of polymer systems.

**APPLICATIONS:** **UN 53/20** is recommended for injection moulding, extrusion and compound applications requiring high jetness with minimum masterbatch addition. It is compatible with PS, ABS, PA, LDPE, LLDPE, PE copolymers, HDPE, SAN, PVC and PP. The intense black colouration and surface gloss offered by this product makes it ideal for consumer goods applications such as toys and electrical equipment.

**FOOD CONTACT:** **UN 53/20** has a wide degree of approval for food contact applications. Full details can be found in **UN 53/20 – Food Contact Statement** which is available from Colloids Sales Offices or authorised Distributors.

**UL CERTIFICATION:** **UN 53/20** is certified by Underwriters Laboratories as UL 94 HB when used with suitable grades of PS or ABS. The UL file listing is number E251590

**ADDITION RATE:** 1 to 2 % depending on application.

**PIGMENT TYPE:** High jetness furnace carbon black.

### **TYPICAL PROPERTIES:**

**Maximum processing temperature:** 300<sup>o</sup> C

**Pigment content:** 50%

**Melt flow rate:** 10 g/10 min. (190<sup>o</sup> C/10 kg)

**Bulk density:** 750 kg.m<sup>-3</sup>

**Packaging:** UN 53/20 is normally packed in 25kg polyvalve bags. It should be stored in a clean dry area.

For Health and Safety information, please refer to the appropriate COLLOIDS Material Safety Data Sheet.

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