



## TECHNICAL DATA SHEET

### RavaSAFE ZH- LSF OMX

#### Product Description:

Ravasafe ZH-LSF 0 Mx is a thermoplastic zero halogen, low smoke flame retardant product that can be used as filling compound

#### Technical Properties:

Physical Properties	Typical Value (Imperial)	Typical Value (SI)	Test Method
Density, 23°C	1.57g/cm <sup>3</sup>	1.57g/cm <sup>3</sup>	ISO 1183-1 (ASTM D792)
MFR (150°C /21.6kg)	7.6g/10min	7.6g/10min	ISO 1133 (b)
Hardness Shore D 15 seconds	51	51	ISO R 868 (ASTM D2240)
Mechanical Properties	Typical Value (Imperial)	Typical Value (SI)	Test Method
Unaged mechanical properties (200 mm/min) <i>Tensile Strength</i> <i>Elongation at break</i>	1377 psi 78%	9.5 MPa 78%	IEC 60811-501
Flammability	Typical Value (Imperial)	Typical Value (SI)	Test Method
Oxygen Index	39%	39%	ISO 4589-2 (ASTM D2863)
Halogen Content	0%	0%	IEC 60754-1
Acid gas emission pH value Conductivity (max.)	5.61 0.5 µS/mm	5.61 0.5 µS/mm	IEC 60754-2

#### Recommended extrusion profile:

Extrusion	Cylinder Temperatures							
	Z1	Z2	Z3	Z4	Z5	Adapter	Head	Die
Temperature (Imperial)	248°F	266°F	284°F	302°F	302°F	311°F	320°F	329°F
Temperature (SI)	120°C	130°C	140°C	150°C	150°C	155°C	160°C	165°C

RavaSafe ZH LSF OMX is a product able to run on standard extruders, based on low compression screw and head. Compounds are supplied in Aluminium foil bags. Pre-drying is not required before extrusion process.

All compounds are colorable compounds. A full range of specific color masterbatches (RAVACOLOR™) and additive masterbatches (RAVABOOST™) are available for RAVASAFE ZH-LSF compounds.

For any further information, please contact Ravago W&C.