

Datasheet vb13888

GENERAL.

Material code:	vb13888
Formulation of raw material:	Based on SEBS
Hardness:	50 Shore A
Service temperature range:	-50 -- + 110 °C (unstressed material)
Colour:	natural
Weatherability:	excellent
Ozone-/UV-resistance	excellent
Chemical resistance:	good, (excluding organic solvents, aromatic- and vegetable oils)
Recycling:	100% recyclable

General properties.

Properties	Standard	Unit	Value
Hardness	ISO 868	Shore A	50
density	ISO 2781	g/cm ³	0.93
Melting point	DSC	°C	125

Rheological properties.

Properties	Standard	Unit	Value
Melt flow index	ISO 1133	g/10min	25
Temperature	ISO 1133	°C	230
weight	ISO 1133	kg	2.16

Mechanical properties.

Properties	Standard	Unit	Flow direction	Cross flow direction
Tensile strength	ISO 37	MPa	9.8	13.8
E-100	ISO 37	MPa	2.0	1.1
E-200	ISO 37	MPa	3.1	1.5
E-300	ISO 37	MPa	4.4	2.2
Elongation at break	ISO 37	%	690	850
Tear strength	ISO 34-2	N	38	44