

# Scolefin<sup>®</sup> 42 M 20 HFFR

Polypropylene  
Prime Compound

## Description:

Polypropylene copolymer, V0 halogen free compound

- Pre-drying 2-4 hours, 80-100 °C
- Processing temperature 200-230 °C max
- Full recyclable material
- UV Stabilized

## General

MFI (230°/2,16kg)	ISO 1133	7	g/10min
Density	ISO 1183	1,06	g/cm <sup>3</sup>

## Thermal

HDT/A (1,82MPa)	ISO 75A	55	°C
Vicat softening point (B50 (50N))	ISO 306	48	°C
Limiting Oxygen Index	ISO 4589	34	%

## Mechanical

Izod notched impact strength (23 °C)	ISO 180	4	kJ/m <sup>2</sup>
Charpy notched impact strength (23 °C)	ISO 179	4	kJ/m <sup>2</sup>
Charpy unnotched impact strength (23 °C)	ISO 179	NB	kJ/m <sup>2</sup>
Tensile strength at yield (23 °C)	ISO 527	14	MPa
Tensile strength at break (23 °C)	ISO 527	11	MPa
Elongation at yield (23 °C)	ISO 527	2	%
Elongation at break (23 °C)	ISO 527	9	%
Tensile modulus (23 °C)	ISO 527	1300	MPa
Flexural modulus (23 °C)	ISO 178	1400	MPa

## Flammability

Flammability (3,2mm)	UL94	V0
Flammability (1,6mm)	UL94	V0

## Remark:

Scolefin 42 M 20 HFFR UV: UV stabilized

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. It is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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