

# 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