

COA

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SINIKA
POLYMERS

Certificate of Analysis

Product : PP grey mineral filled
Version : 01
Date : 7-6-2023
Consolidated by : Mr. Stratos Morkotinis
Reference : PP grey mineral filled / OR - 13750
Colour tone : Light grey

	Norm / conditions	Unit	Value
Mechanical properties			
Strength	ISO 527-2 type 1A 23°C/ 50mm/ min	MPa	19,0
E-Modulus	ISO 527-2 type 1A 23°C/ 1mm/ min	MPa	1418
Strain	ISO 527-2 type 1A 23°C/ 50mm/ min	%	3,7
Strain @ yield	ISO 527-2 type 1A 23°C/ 50mm/ min	%	3,0
Notched impact resistance (Charpy)	ISO 179-1 +23°C/1eA	kJ/m ²	3,6
Impact resistance (Charpy)	ISO 179-1 +23°C/1eU	kJ/m ²	27

Thermal properties

DSC	ISO 11357	PP %	81%
		L+LLDPE %	19%
		other polymers	-

Rheological properties

MFI - MFR	ISO 1133 230°C/ 2,16 kg	g/10 min	16,2
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Fysische eigenschappen

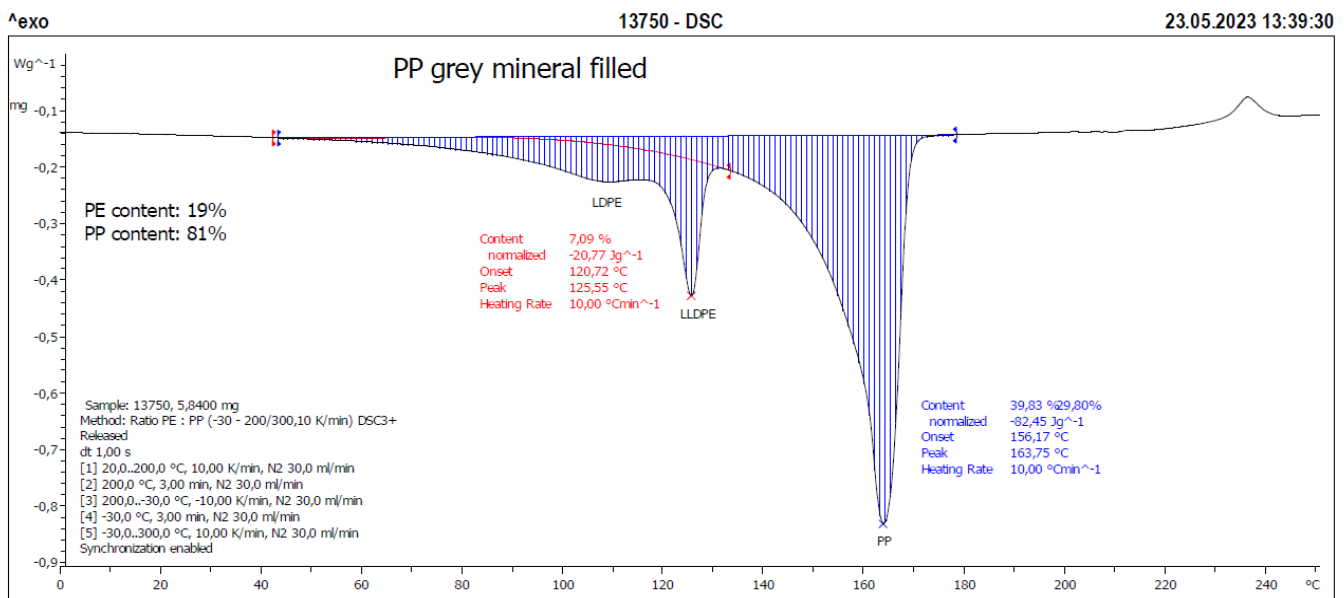
Density	ISO 1183-1A	g/ml	1,03
Ash content	ISO 3451-1A 600°C	%	16,2

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Prodin BV: METTLER

STAR® SW 17.00



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These analyses were performed by Prodin BV

