

# HIPS regranulate 4/6 black

## Description

HIPS regranulate 4/6 black is a recycled high impact polystyrene in black colour, intended for termoforming and injection applications. It is characteristic by good fluidity and stable processing properties. It is suitable for universal applications.

## Characteristic

PROPERTIES	PARAMETERS OF MEASUREMENT	NORM	UNIT	TYPICAL VALUES
Melt flow index	200°C; 5 kg	ISO 1133	g/10 min	4 - 6
Ash content	600°C; 30 min	ISO 3451-1	%	≤ 3
Tensile Modulus	23°C	ISO 527	MPa	≥ 1700
Tensile strength at Yield	23°C	ISO 527	MPa	≥ 20
Tensile strain at Yield	23°C	ISO 527	%	≥ 10
Tensile stress at break	23°C	ISO 527	MPa	≥ 15
Tensile strain at break	23°C	ISO 527	%	≥ 20
Charpy impact test - notched	23°C	ISO 179	kJ/m <sup>2</sup>	≥ 5