



TECHNICAL SHEET

PEBD

Version : 1 – 01 04 2023

Description

This product is the result of sorting plastic materials from dismantled electrical cables. The treatment consists of screening, flotation sorting and densimetric table sorting.



Features	Standard	Norms	Value	Unit
Composition	IRTF analysis	IRTF analysis	PE 81 PP 6 Other 9	%
	Brominated compounds/ROHS rate	PBB content <20	<10	mg/Kg
		PBDE content < 110	96	mg/Kg
Injection process conditions	Transformation temperature		190-205	°C
	Mould temperature		20	°C
General features	Density	NF EN ISO 1183-1	1,006	g/cm3
Mechanical properties	Traction Module	NF EN ISO 527-2	337	Mpa
	Threshold stress	NF EN ISO 527-2	14,3	Mpa
	Elongation at threshold	NF EN ISO 527-2	19	%
	Max. stress	NF EN ISO 527-2	12,2	Mpa
	Max. elongation	NF EN ISO 527-2	24	%
	Shore D hardness	NF EN ISO 868	/	
	Notched Charpy shock (@23°C)	NF EN ISO 179-1	31,2	Kj/m²