

Speciality Carbon Blacks

Parameter	Unit	Test method	Chezacarb AC - 30	Chezacarb AC - 50	Chezacarb AC - 60	Chezacarb AC - 80
Surface area by adsorption	m ² /g	ASTM D 6556	min. 800	900 - 1100	min. 800	min. 800
Iodine adsorption number	mg/g	ASTM D 1510	min. 900	1050-1200	min. 950	min. 950
Oil absorption number	ml/100g	ASTM D 2414-	min. 340	390-450	min. 380	min. 390
Toluene extractables	% wt.	DIN 53553	---	< 0.1	---	---
pH value		EN ISO 787-9	6.5-9.0	6.5-9.0	6.5-9.5	6.5-9.5
Loss of drying (105 °C)	% wt.	EN ISO 787-2	max. 0.80	max. 0.80	max. 0.80	max. 0.80
Ash content	% wt.	DIN 53586	max. 0.9	max. 1.6	max. 1.7	max. 2
Sulphur content	% wt.	ASTM D 1619	max. 0.5	max. 0.6	max. 0.6	max. 0.8
Fines content **	% wt.	ISO 13322-2	max. 15	max. 10	max. 10	max. 20
Sieve residue 0.045 mm	% wt.	ASTM D 1514	max. 500	max. 50	max. 500	max. 500
Bulk density	g/l	ISO 1306	min. 115	min. 115	min. 112	min. 112
Bulk density after tamping	g/l	EN ISO 787-11	---	< 150	---	---
Pellets hardness	g	ASTM D 3313	max. 10	max. 10	---	---
Pellets hardness hardest	g	ASTM D 3313	max. 20	max. 20	---	---
Specific electrical resistance	Ohm.c	Philips method	max. 80	max. 80	max. 80	max. 20
Vanadium content	ppm	RTG	max. 3000	max. 5000	max. 6000 *	< 8500 *
Nickel content	ppm	RTG	max. 1500	max. 2500	max. 3000 *	
Iron content	ppm	RTG	max. 1000	max. 1800	max. 2500 *	
Application			Cables, Automotive Safety Geomembrane	Automotive Safety	Pipesystems Floor Extended Sheets Foams 3D Printing Filaments Safety	Pipesystems Floor Extended Sheets Foams Safety

Product by: Orlen Unipetrol RPA s.r.o