Producer	Applications
ARAK	Pressure and non-pressure pipes, water and gas pipelines, industrial and agricultural water systems, mining and wastewater lines, and outdoor piping requiring high strength, UV resistance, and long service life.

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
MFI@190°C, 5.0Kg	gr/10min	0.22	ASTM 1238
MFI@190°C, 21.6Kg	gr/10min	6.2	ASTM 1238
FRR(21.6/5.0)	-	28	-
Mass Density(23OC)	gr/cm3	0.957	ISO 1183-1
Bulk Density	gr/cm3	0.605	ASTM D D1829
Carbon Black Content	%	2.3	ASTM D 4218
Carbon Black Dispersion	Rating	max 3	BS-2782
Impact Strength(charpy Index@23c°)	mj/mm²	>20	ISO 179/1eA
Hydrostatic Strength (80°C/5.5MPa)	hr	>165	ISO 11677
Volatiles	ppm	349	Basel Method
Contamination	Rating	2	Hoechst Method
Vicat Softening Temperature, (B50)	°C	75	ASTM D D1525
Oxidation Induction Time, (210 °C)	min	>25	ASTM D 3895
DSC Melting Point	°C	130	---------
Shore Hardness, (Shore D, 3 sec)	-	63	ASTM D 2240