

ABSTRACT

RUBBER COMPOUNDING OIL, AROMATIC COMPOUND-
CONTAINING BASE OIL, AND METHODS FOR PRODUCING
SAME

A rubber compounding oil having a total aromatic content of 50 mass%
or greater according to ASTM D 2007 or ASTM D 2549, a flash point
of 250°C or higher, a difference of at least 45°C between the pour point
and glass transition point, a benzo(a)pyrene content of no greater than 1
ppm by mass and a total content of the following indicated aromatic
compounds 1) to 8) of no greater than 10 ppm by mass.

- 1) Benzo(a)pyrene (BaP)
- 2) Benzo(e)pyrene (BeP)
- 3) Benzo(a)anthracene (BaA)
- 4) Chrysene (CHR)
- 5) Benzo(b)fluoranthene (BbFA)
- 6) Benzo(j)fluoranthene (BjFA)
- 7) Benzo(k)fluoranthene (BkFA)
- 8) Dibenzo(a,h)anthracene (DBAhA)